

MAHARANA BHUPAL
COLLEGE,
UDAIPUR.

25051

Class No.....

Book No.....

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION, UNITED PROVINCES

CALENDAR

for the year

1923-1924



Published under the Authority of
The Board of High School and Intermediate Education,
United Provinces, Allahabad

1924

Price, Rs. 7.

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION, UNITED PROVINCES

CALENDAR

for the year

1923-1924

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ALLAHABAD:

PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRESS, UNITED PROVINCES

1924

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BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION, UNITED PROVINCES

ALMANAC

JANUARY, 1923—DECEMBER, 1924

JANUARY, 1923.

1	Mon.	
2	Tues.	
3	Wed.	
4	Thur.	
5	Fri.	
6	Sat.	
7	Sun.	The Intermediate Education Act, 1921, was published under section 81 of the Government of India Act (1922).
8	Mon.	
9	Tues.	
10	Wed.	
11	Thur.	
12	Fri.	
13	Sat.	
14	Sun.	
15	Mon.	
16	Tues.	
17	Wed.	
18	Thur.	
19	Fri.	
20	Sat.	
21	Sun.	
22	Mon.	
23	Tues.	
24	Wed.	
25	Thur.	
26	Fri.	
27	Sat.	
28	Sun.	
29	Mon.	
30	Tues.	
31	Wed.	

FEBRUARY, 1923

1	Thur	
2	Fri	
3	Sat	The Regulations of the Board of High School and Intermediate Education, United Provinces, came into force
4	Sun	
5	Mon.	
6	Tues.	
7	Wed	
8	Thur	
9	Fri	
10	Sat.	
11	Sun	
12	Mon.	
13	Tues.	
14	Wed.	
15	Thur	
16	Fri.	
17	Sat	
18	Sun.	
19	Mon	
20	Tues.	
21	Wed.	The first ordinary Meetings of Committees appointed by the Board
22	Thur.	
23	Fri.	
24	Sat.	
25	Sun	
26	Mon.	
27	Tues	
28	Wed	

MARCH, 1923.

1	Thur.
2	Fri.
3	Sat.
4	Sun.
5	Mon.
6	Tues.
7	Wed
8	Thur.
9	Fri.
10	Sat.
11	Sun.
12	Mon.
13	Tues.
14	Wed.
15	Thur.
16	Fri.
17	Sat.
18	Sun.
19	Mon.
20	Tues.
21	Wed.
22	Thur.
23	Fri.
24	Sat.
25	Sun.
26	Mon.
27	Tues.
28	Wed.
29	Thur.
30	Fri.
31	Sat.

APRIL, 1923.

1	Sun	Establishment of the Board of High School and Intermediate Education United Provinces, (1922).
2	Mon	
3	Tues	
4	Wed	S L C Examination of 1923 commenced
5	Thur.	
6	Fri	
7	Sat.	
8	Sun	
9	Mon	
10	Tues	The P Sc., M B., B.S. Examination of 1923 was held.
11	Wed	
12	Thur	
13	Fri	
14	Sat.	
15	Sun	
16	Mon	
17	Tues	
18	Wed	
19	Thur	
20	Fri	
21	Sat.	
22	Sun	Inaugural Meeting of the Board, (1922)
23	Mon	
24	Tues	
25	Wed	
26	Thur	
27	Fri	
28	Sat.	
29	Sun	
30	Mon	

MAY, 1923.

1	Tues.
2	Wed.
3	Thur.
4	Fri.
5	Sat.

6	Sun.
7	Mon.
8	Tues.
9	Wed.
10	Thur.
11	Fri.
12	Sat.

13	Sun.
14	Mon.
15	Tues.
16	Wed.
17	Thur.
18	Fri.
19	Sat.

20	Sun.
21	Mon.
22	Tues.
23	Wed.
24	Thur.
25	Fri.
26	Sat.

27	Sun.
28	Mon.
29	Tues.
30	Wed.
31	Thur.

JUNE, 1923.

1	Fri	
2	Sat.	
3	Sun	
4	Mon	
5	Tues.	
6	Wed	
7	Thur	
8	Fri	
9	Sat	
10	Sun	
11	Mon	
12	Tues.	
13	Wed	
14	Thur	
15	Fri	
16	Sat	
17	Sun	
18	Mon	
19	Tues.	
20	Wed	
21	Thur	
22	Fri.	
23	Sat	
24	Sun	
25	Mon	
26	Tues.	
27	Wed.	
28	Thur.	
29	Fri	
30	Sat.	

MAY, 1923.

1	Tues.
2	Wed.
3	Thur.
4	Fri.
5	Sat.

6	Sun.
7	Mon.
8	Tues.
9	Wed.
10	Thur.
11	Fri.
12	Sat.

13	Sun.
14	Mon.
15	Tues.
16	Wed.
17	Thur.
18	Fri.
19	Sat.

20	Sun.
21	Mon.
22	Tues.
23	Wed.
24	Thur.
25	Fri.
26	Sat.

27	Sun.
28	Mon.
29	Tues.
30	Wed.
31	Thur.

JUNE, 1923

1	Fri	
2	Sat.	
3	Sun	
4	Mon	
5	Tues	
6	Wed	
7	Thur	
8	Fri	
9	Sat	
10	Sun	
11	Mon	
12	Tues	
13	Wed	
14	Thur	
15	Fri	
16	Sat	
17	Sun	
18	Mon	
19	Tues	
20	Wed	
21	Thur	
22	Fri	
23	Sat	
24	Sun	
25	Mon	
26	Tues	
27	Wed	
28	Thur	
29	Fri	
30	Sat.	

JULY, 1923.

1	Sun.	
2	Mon.	
3	Tues.	
4	Wed.	
5	Thur.	
6	Fri.	
7	Sat.	
8	Sun.	
9	Mon.	
10	Tues.	
11	Wed.	
12	Thur.	
13	Fri.	
14	Sat.	
15	Sun.	
16	Mon.	
17	Tues.	
18	Wed.	
19	Thur.	
20	Fri.	
21	Sat.	
22	Sun.	
23	Mon.	
24	Tues.	
25	Wed.	
26	Thur.	
27	Fri.	
28	Sat.	
29	Sun.	
30	Mon.	
31	Tues.	

SEPTEMBER, 1923.

1	Sat.	
2	Sun.	
3	Mon.	
4	Tues.	
5	Wed	
6	Thur.	
7	Fri.	
8	Sat.	
9	Sun.	
10	Mon.	
11	Tues.	
12	Wed.	
13	Thur.	
14	Fri.	
15	Sat.	
16	Sun.	
17	Mon.	
18	Tues.	
19	Wed	
20	Thur.	
21	Fri.	
22	Sat.	
23	Sun	
24	Mon	
25	Tues.	
26	Wed.	
27	Thur.	
28	Fri.	
29	Sat.	
30	Sun.	The Intermediate Education Act, 1921, received the assent of the Governor of the United Provinces (1921)

OCTOBER, 1923.

1	Mon.	Last date of receiving applications from intending private candidates for the High School (Matric. Model), Intermediate and Commercial Diploma Examinations of 1924
2	Tues.	
3	Wed.	
4	Thur.	
5	Fri.	
6	Sat.	
7	Sun.	
8	Mon.	
9	Tues.	
10	Wed.	
11	Thur.	
12	Fri.	
13	Sat.	
14	Sun.	
15	Mon.	Last date of receiving applications for the High School Examination of 1923 (S.L.C. model).
16	Tues.	
17	Wed.	
18	Thur.	
19	Fri.	
20	Sat.	
21	Sun.	
22	Mon.	
23	Tues.	
24	Wed.	
25	Thur.	
26	Fri.	
27	Sat.	
28	Sun.	
29	Mon.	
30	Tues.	
31	Wed.	

NOVEMBER, 1923.

1	Thur.	
2	Fri.	
3	Sat.	
4	Sun.	
5	Mon.	
6	Tues.	
7	Wed.	
8	Thur.	
9	Fri.	
10	Sat.	
11	Sun.	
12	Mon.	
13	Tues.	
14	Wed.	
15	Thur.	
16	Fri.	
17	Sat.	
18	Sun.	
19	Mon.	
20	Tues.	
21	Wed.	
22	Thur.	
23	Fri.	
24	Sat.	
25	Sun.	Meetings of Committees appointed by the Board.
26	Mon.	
27	Tues.	
28	Wed.	
29	Thur.	
30	Fri.	Annual meeting of the Board.

DECEMBER, 1923

1	Sat.	Adjourned meeting of the Board.
2	Sun.	
3	Mon.	
4	Tues.	
5	Wed.	
6	Thur.	
7	Fri.	
8	Sat.	
9	Sun.	
10	Mon.	The Intermediate Education Act 1921, received
11	Tues.	the assent of the Governor General, (1921).
12	Wed.	
13	Thur.	
14	Fri.	
15	Sat.	
16	Sun.	
17	Mon.	
18	Tues.	
19	Wed.	
20	Thur.	
21	Fri.	
22	Sat.	
23	Sun.	
24	Mon.	
25	Tues.	
26	Wed.	
27	Thur.	
28	Fri.	
29	Sat.	
30	Sun.	
31	Mon.	

JANUARY, 1924.

1	Tucs.
2	Wed.
3	Thur.
4	Fri.
5	Sat.
6	Sun.
7	Mon.
8	Tues.
9	Wed.
10	Thur.
11	Fri.
12	Sat.
13	Sun.
14	Mon.
15	Tues.
16	Wed.
17	Thur.
18	Fri.
19	Sat.
20	Sun.
21	Mon.
22	Tues.
23	Wed.
24	Thur.
25	Fri.
26	Sat.
27	Sun.
28	Mon.
29	Tues.
30	Wed.
31	Thur.

FEBRUARY, 1924.

1	Fri.	
2	Sat.	
3	Sun.	
4	Mon	
5	Tues.	
6	Wed.	
7	Thur.	
8	Fri.	
9	Sat.	
10	Sun	
11	Mon	
12	Tues.	
13	Wed.	
14	Thur.	
15	Fri.	
16	Sat.	
17	Sun.	Meetings of the Committees appointed by the Board. Meeting of the Board.
18	Mon.	
19	Tues.	
20	Wed.	
21	Thur.	
22	Fri.	
23	Sat.	
24	Sun.	
25	Mon.	
26	Tues.	
27	Wed.	
28	Thur	
29	Fri.	

JANUARY, 1924.

1	Tues.
2	Wed.
3	Thur.
4	Fri.
5	Sat.
6	Sun.
7	Mon.
8	Tues.
9	Wed.
10	Thur.
11	Fri.
12	Sat.
13	Sun.
14	Mon.
15	Tues.
16	Wed.
17	Thur.
18	Fri.
19	Sat.
20	Sun.
21	Mon.
22	Tues.
23	Wed.
24	Thur.
25	Fri.
26	Sat.
27	Sun.
28	Mon.
29	Tues.
30	Wed.
31	Thur.

FEBRUARY 1924

1	1 m	
2	Sat	
3	Sun	
4	Mon	
5	Tues	
6	Wed	
7	Thur	
8	Fri	
9	Sat	
10	Sun	
11	Mon	
12	Tues.	
13	Wed	
14	Thur	
15	Fri	
16	Sat	
17	Sun	
18	Mon	
19	Tues	Meetings of the Committees appointed by the Board
20	Wed	
21	Thur	Meeting of the Board
22	Fri	
23	Sat	
24	Sun.	
25	Mon.	
26	Tues	
27	Wed	
28	Thur	
29	Fri	

MAY, 1924.

1	Thur.
2	Fri.
3	Sat.
4	Sun.
5	Mon.
6	Tues.
7	Wed.
8	Thur.
9	Fri.
10	Sat.
11	Sun.
12	Mon.
13	Tues.
14	Wed.
15	Thur.
16	Fri.
17	Sat.
18	Sun.
19	Mon.
20	Tues.
21	Wed.
22	Thur.
23	Fri.
24	Sat.
25	Sun.
26	Mon.
27	Tues.
28	Wed.
29	Thur.
30	Fri.
31	Sat.

JUNE, 1924

1	Sun
2	Mon
3	Tues
4	Wed
5	Thur
6	Fri
7	Sat

8	Sun
9	Mon
10	Tues
11	Wed
12	Thur
13	Fri
14	Sat.

15	Sun
16	Mon
17	Tues
18	Wed
19	Thur
20	Fri.
21	Sat

22	Sun.
23	Mon
24	Tues
25	Wed
26	Thur
27	Fri
28	Sat

29	Sun
30	Mon

JULY, 1924.

1	Tues.
2	Wed.
3	Thur.
4	Fri.
5	Sat.
6	Sun.
7	Mon.
8	Tues.
9	Wed.
10	Thur.
11	Fri.
12	Sat.
13	Sun.
14	Mon.
15	Tues.
16	Wed.
17	Thur.
18	Fri.
19	Sat.
20	Sun.
21	Mon.
22	Tues.
23	Wed.
24	Thur.
25	Fri.
26	Sat.
27	Sun.
28	Mon.
29	Tues.
30	Wed.
31	Thur.

August, 1924.

1	Fri.	
2	Sat.	
3	Sun.	
4	Mon.	
5	Tues.	
6	Wed.	
7	Thur.	
8	Fri.	
9	Sat.	
10	Sun	
11	Mon.	
12	Tues.	
13	Wed.	
14	Thur.	
15	Fri.	
16	Sat.	
17	Sun.	
18	Mon.	
19	Tues.	
20	Wed.	
21	Thur.	
22	Fri.	
23	Sat.	
24	Sun.	
25	Mon	
26	Tues.	
27	Wed.	
28	Thur.	
29	Fri	
30	Sat.	
31	Sun.	

SEPTEMBER, 1924.

1	Mon.	
2	Tues.	
3	Wed.	
4	Thur.	
5	Fri.	
6	Sat.	
7	Sun.	
8	Mon.	
9	Tues.	
10	Wed.	
11	Thur.	
12	Fri.	
13	Sat.	
14	Sun.	
15	Mon.	
16	Tues.	
17	Wed.	
18	Thur.	
19	Fri.	
20	Sat.	
21	Sun.	
22	Mon.	
23	Tues.	
24	Wed.	
25	Thur.	
26	Fri.	
27	Sat.	
28	Sun.	
29	Mon.	
30	Tues.	

DECEMBER, 1924.

1	Mou
2	Tues.
3	Wed.
4	Thur.
5	Fri.
6	Sat.

7	Sun.
8	Mou.
9	Tues.
10	Wed
11	Thur
12	Fri
13	Sat.

14	Sun
15	Mon.
16	Tues.
17	Wed.
18	Thur
19	Fri.
20	Sat

21	Sun
22	Mou.
23	Tues.
24	Wed.
25	Thur.
26	Fri.
27	Sat.

28	Sun.
29	Mon
30	Tues.
31	WeL

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES.

THE INTERMEDIATE EDUCATION ACT, 1921.

UNITED PROVINCES ACT No. II OF 1921.

[PASSED BY THE LOCAL LEGISLATURE OF THE UNITED PROVINCES OF AGRA AND OUDH.]

Received the assent of the Governor of the United Provinces of Agra and Oudh on the 30th September, 1921, and of the Governor General on the 10th December, 1921, and was published under section 81 of the Government of India Act on the 7th January, 1922.

An Act for the establishment of a Board of High School and Intermediate Education.

WHEREAS it is expedient to establish a Board to take the place of the Allahabad University in regulating and supervising the system of High School and Intermediate Education in the United Provinces, and to prescribe courses for English Middle classes, subject to the control of the Local Government: It is hereby enacted as follows:—

1. (1) This Act may be called the Intermediate Education Act, 1921.

(2) It extends to the territories for the time being administered by the Local Government of the United Provinces.

(3) It shall come into force on such date as the Local Government may, by notification in the Gazette, direct.

2. In this Act, and in all regulations made hereunder, unless there is anything repugnant in the subject or context,—

- (a) "Board" means the Board of High School and Intermediate Education;
- (b) "Institution" means the whole of an institution, or a part thereof, as the case may be;
- (c) "Minister" means Minister for Education in the United Provinces,
- (d) "Recognition" means recognition for the purpose of preparing candidates for admission to the Board's examinations;
- (e) "Regulations" means regulations made by the Board under this Act.

3. (1) The Board shall be established as soon as may be after this Act has come into force, and shall consist of—

- (a) the Director of Public Instruction (*ex officio* Chairman),
- (b) two Principals of Intermediate colleges maintained by Government, appointed by the Minister;
- (c) four Principals of Intermediate colleges not maintained by Government, elected from among themselves;
- (d) one head master of a High School maintained by Government, appointed by the Minister,
- (e) two head masters of High Schools not maintained by Government, elected from among themselves,
- (f) a representative of Engineering, appointed by the Minister;
- (g) a representative of Agriculture, appointed by the Minister;
- (h) a member of the Medical profession, appointed by the United Provinces Medical Council;

5 When the prescribed term of office of members other than *ex officio* members has expired, the vacancies so caused shall be filled as soon as conveniently may be in accordance with sub-section (1) of section 3.

6 The names of the persons who have been nominated or elected to be members of the Board in accordance with sub-sections (1) and (2) of section 3 or with section 5, shall be published by notification in the Gazette.

7 Subject to the provisions of this Act the Board shall have the following powers, namely —

(1) to prescribe courses of instruction for the Intermediate classes and the High and Middle sections of English schools in such branches of education as it may think fit,

(2) to grant diplomas or certificates to persons who—

(a) have pursued a course of study in an institution admitted to the privileges of recognition by the Board or

(b) are teachers or

(c) have studied privately under conditions laid down in the regulations, and have passed the examinations of the Board under like conditions,

(3) to conduct examinations at the end of the High School and Intermediate courses,

(4) to recognize institutions for the purposes of its examinations,

(5) to admit candidates to its examinations,

(6) to demand and receive such fees as may be prescribed in the regulations,

(7) to publish the results of its examinations,

(8) to co-operate with other authorities in such manner and for such purposes as the Board may determine,

(9) to call for reports from the Department of Public Instruction on the condition of recognized institutions or of institutions applying for recognition;

(10) to submit to the Minister its views on any matter with which it is concerned,

- (i) a member of the staff of a Training College for teachers, appointed by the Minister;
- (j) a representative of Industries, appointed by the Minister;
- (k) a lady appointed by the Minister to represent women's education;
- (l) representatives elected by Universities established by law in the United Provinces, whose number shall be, as nearly as possible, one-third of the total number of the other members of the Board;

Explanation.—The number of representatives to be assigned to each University under clause (l) of sub-section (1) shall be fixed by the Minister.

- (m) three members elected by the non-official members of the Legislative Council;
- (n) one member each appointed by the Upper India Chamber of Commerce and the United Provinces Chamber of Commerce;
- (o) one member each appointed by the British Indian Association and by the Agra Landholders' Association.

(2) Persons not more than three in number may be nominated by the Minister to secure the representation of minorities not otherwise adequately represented.

(3) The Board shall be authorized to co-opt persons not exceeding three in number, on account of their possessing expert knowledge in subjects of study included in the courses prescribed by the Board.

4. (1) Members other than *ex officio* and co-opted members shall hold office for a term of three years from the date of the notification published under section 6.

(2) The term of office of co-opted members shall terminate on the same date as that of other appointed members.

5 When the prescribed term of office of members other than *ex officio* members has expired the vacancies so caused shall be filled as soon as conveniently may be in accordance with sub-section (1) of section 3

6 The names of the persons who have been nominated or elected to be members of the Board in accordance with sub-sections (1) and (2) of section 3 or with section 5 shall be published by notification in the Gazette

7 Subject to the provisions of this Act the Board shall have the following powers, namely --

(1) to prescribe courses of instruction for the Intermediate classes and the High and Middle sections of English schools in such branches of education as it may think fit,

(2) to grant diplomas or certificates to persons who—

(a) have pursued a course of study in an institution admitted to the privileges of recognition by the Board or

(b) are teachers or

(c) have studied privately under conditions laid down in the regulations and have passed the examinations of the Board under like conditions,

(3) to conduct examinations at the end of the High School and Intermediate courses,

(4) to recognise institutions for the purposes of its examinations,

(5) to admit candidates to its examinations,

(6) to demand and receive such fees as may be prescribed in the regulations,

(7) to publish the results of its examinations,

(8) to co-operate with other authorities in such manner and for such purposes as the Board may determine

(9) to call for reports from the Department of Public Instruction on the condition of recognized institutions or of institutions applying for recognition,

(10) to submit to the Minister its views on any matter with which it is concerned.

- (i) a member of the staff of a Training College for teachers, appointed by the Minister;
- (ii) a representative of Industry, appointed by the Minister;
- (l) a lady appointed by the Minister to represent women's education;
- (l) representatives elected by Universities established by law in the United Provinces, whose number shall be, as nearly as possible, one-third of the total number of the other members of the Board;

Explanation.—The number of representatives to be assigned to each University under clause (l) of sub-section (1) shall be fixed by the Minister.

- (m) three members elected by the non-official members of the Legislative Council;
- (n) one member each appointed by the Upper India Chamber of Commerce and the United Provinces Chamber of Commerce;
- (o) one member each appointed by the British Indian Association and by the Agra Landholders' Association.

(2) Persons not more than three in number may be nominated by the Minister to secure the representation of minorities not otherwise adequately represented.

(3) The Board shall be authorized to co-opt persons not exceeding three in number, on account of their possessing expert knowledge in subjects of study included in the courses prescribed by the Board.

4. (1) Members other than *ex officio* and co-opted members shall hold office for a term of three years from the date of the notification published under section 6.

(2) The term of office of co-opted members shall terminate on the same date as that of other appointed members.

11. (1) It shall be the duty of the Chairman to see that this Act and the regulations are faithfully observed and he shall have all powers necessary for this purpose.

(2) The Chairman shall have power to convene meetings of the Board, and shall call a meeting at any time after due notice on a requisition signed by not less than five members of the Board and stating the business to be brought before the meeting.

(3) In any emergency arising out of the administrative business of the Board, which in the opinion of the Chairman requires that immediate action should be taken the Chairman shall take such action as he deems necessary and shall thereafter report his action to the Board at its next meeting.

(4) The Chairman shall exercise such other powers as may be prescribed by the regulations.

12. (1) The Secretary shall be appointed by the Minister upon such conditions and for such period as the Minister may deem fit.

He shall be removable from office by the votes of not less than three-fourths of the members present at a special meeting of the Board at which not less than one-half of the total number of the members are present.

(2) The Secretary shall, subject to the control of the Board, be the administrative officer of the Board. He shall be responsible for the presentation of the annual estimates and statement of accounts.

(3) He shall be responsible for seeing that all moneys are expended on the purpose for which they are granted or allotted.

(4) He shall be responsible for keeping the minutes of the Board.

(5) He shall exercise such other powers as may be

(11) to see the schedules of new demands proposed to be included in the budget relating to institutions recognized by it and to submit, if it thinks fit, its views thereon for the consideration of the Minister;

(12) to do all such other acts and things as may be requisite in order to further the objects of the Board as a body constituted for regulating and supervising High School and Intermediate Education.

8. Nothing in the Act shall affect the constitution, powers or functions of the Benares Hindu University, the Aligarh Moslem University or the Lucknow University, except with their consent recorded in writing.

9. (1) The Minister shall have the right to address the Board with reference to any of the work conducted or done by the Board and to communicate to the Board his views on any matter with which the Board is concerned..

(2) The Board shall report to the Minister such action, if any, as it is proposed to take or has been taken upon his communication.

(3) If the Board does not, within a reasonable time, take action to the satisfaction of the Minister, the Minister may, after considering any explanation furnished or representation made by the Board, issue such directions consistent with this Act as he may think fit, and the Board shall comply with such directions.

(4) In any emergency which, in the opinion of the Minister, requires that immediate action should be taken, the Minister may take such action consistent with this Act as he deems necessary without previous consultation with the Board, and shall forthwith inform the Board thereof.

10. The following shall be the officers of the Board:—

(1) The Chairman.

(2) The Secretary.

(3) Such other officers as may be declared by the regulations to be officers of the Board.

11 (1) It shall be the duty of the Chairman to see that this Act and the regulations are faithfully observed and he shall have all powers necessary for this purpose.

(2) The Chairman shall have power to convene meetings of the Board, and shall call a meeting at any time after due notice on a requisition signed by not less than five members of the Board and stating the business to be brought before the meeting.

(3) In any emergency, arising out of the administrative business of the Board, which in the opinion of the Chairman requires that immediate action should be taken the Chairman shall take such action as he deems necessary and shall thereafter report his action to the Board at its next meeting.

(4) The Chairman shall exercise such other powers as may be prescribed by the regulations.

12 (1) The Secretary shall be appointed by the Minister upon such conditions and for such period as the Minister may deem fit.

He shall be removable from office by the votes of not less than three fourths of the members present at a special meeting of the Board at which not less than one-half of the total number of the members are present.

(2) The Secretary shall, subject to the control of the Board, be the administrative officer of the Board. He shall be responsible for the presentation of the annual estimates and statement of accounts.

(3) He shall be responsible for seeing that all moneys are expended on the purpose for which they are granted or allotted.

(4) He shall be responsible for keeping the minutes of the Board.

(5) He shall exercise such other powers as may be prescribed by the regulations.

(b) if any alterations in, or additions to, the draft regulations submitted appear to the Minister to be necessary, the Minister may, after consulting the Board, sanction the proposed body of regulations with such additions and alterations as appear to be necessary.

(2) If a draft body of regulations is not submitted by the Board within the period of six months from the commencement of this Act or within such further period as may be fixed under sub-section (1), the Minister may, within six months after the expiry of such period or of such further period, make, after previous publication, regulations which shall have the same force as if they had been prepared and sanctioned under sub-section (1).

18. All casual vacancies among the members (other than *ex officio* members) of the Board or of a committee appointed by the Board shall be filled as soon as conveniently may be by the person or body who appointed, elected or co-opted the member whose place has become vacant, and the person appointed, elected or co-opted to a casual vacancy shall be a member of the Board or Committee for the residue of the term for which the person whose place he fills would have been a member.

19. No act or proceeding of the Board or of a committee appointed by it shall be invalidated merely by reason of the existence of a vacancy or vacancies among its members.

20. (1) The Board and its Committees may make bye-laws consistent with this Act and the Regulations—

(a) laying down the procedure to be observed at their meetings and the number of members required to form a quorum;

(b) providing for all matters which consistently with this Act and the Regulations are to be prescribed by bye-laws; and

(c) providing for all other matters solely concerning the Board and its Committees and not provided for by this Act and the Regulations.

(2) The Board and its Committees shall make by-laws providing for the giving of notice to the members of the Board or Committee of the dates of meetings, and of the business to be considered at meetings, and for the keeping of a record of the proceedings of meetings.

(3) The Board may direct the amendment or rescission of any by-law made by a Committee under this section, and the Committee shall give effect to any such direction.

Representative of the Benares Hindu University under clause (i), sub-section (1), section 3 of the Intermediate Education Act, 1921.

21. A. B. Dhruva, Esq., M.A., LL.B., Pro-Vice-Chancellor, Benares Hindu University, Benares.

Representative of the Aligarh Muslim University, Aligarh, under clause (i), sub-section (1), section 3 of the Intermediate Education Act, 1921.

22. Major E. W. Dunn, M.A., Professor, Aligarh Muslim University, Aligarh.

Elected by the non-official members of the United Provinces Legislative Council under clause (m), sub-section (1), section 3 of the Intermediate Education Act, 1921.

23. Zafar Husain, Esq., Vakil, Fatehpur.
 24. Rai Sita Ram Bahadur, M.A., LL.B., M.L.C., Meerut.
 25. Pandit Nanak Chand, M.A., LL.B., M.L.C., Vakil, Bulandshahr,

Appointed by the Upper India Chamber of Commerce under clause (n), sub-section (1), section 3 of the Intermediate Education Act, 1921.

26. W. R. Watt, Esq., M.A., B.Sc., D.I.C., F.G.S., of the British India Corporation, Ltd., Cawnpore.

Appointed by the United Provinces Chamber of Commerce under clause (n), sub-section (1), section 3 of the Intermediate Education Act, 1921.

27. Hira Lal Khanna, Esq., M.Sc., of Messrs. Jwala Prasad Radha Krishan, Kaho-ki-Kothi, Cawnpore.

Appointed by the British Indian Association under clause (o), sub-section (1), section 3 of the Intermediate Education Act, 1921.

28. Thakur Prithvipal Singh, Taluqdar, Surajpur, Bara Banki district, Oudh.

Appointed by the Agra Landholders' Association under clause (o), sub-section (1), section 3 of the Intermediate Education Act, 1921.

29. Babu Shyam Lal, M.A., LL.B., M.R.A.S., Nawabganj, Cawnpore.

Appointed by the Minister under sub-section (2), section 3 of the Intermediate Education Act, 1921.

30. Dr. L. K. Hyder, B.A., Ph.D., Professor of Economics, Aligarh Muslim University, Aligarh.
 31. Maulvi Mehdi Husain Nasri, M.A., Head Master, Government High School, Bara Banki.

- 32 Dr. Tara Chand, M.A., D.Phil. (Oxon.), Principal, Kayastha Pathshala, Allahabad (Co-opted Member).
 33 The Rev. R. A. King, M.A., D.D., Principal, Indore Christian College, Indore (Co-opted Member).
 34 W. L. Andrews, Esq., M.A., Head Master, Boys' High School, Allahabad (Co-opted Member).

MEMBERS OF THE COMMITTEES OF COURSES

(Corrected up to 30th November, 1924.)

(1) ENGLISH

- 1 The Rev Canon A. W. Davies (Member, Board).
 2 T. C. Jones, Esq., M.A., Principal, Agra College, Agra.
 3 B. Sanjiva Rao Esq (Member Board).
 4 Lala Diwan Chand (Member, Board).
 5 The Rev C. A. R. Janvier (Convenor), (Member, Board).
 6 Bahu Ganga Prasad (Member, Board), (Co-opted Member).

(2) SANSKRIT

- 1 Pandit V. N. Sovani M.A., Professor, Meerut College, Meerut.
 2 Mahamahopadhyaya Pandit Lakshmi Sastri Tailang, Queen's Intermediate College, Benares.
 3 Pandit Hashi Ram M.A., Inspector of Sanskrit Pathshala, United Provinces, Benares.
 4 A. B. Dhruva Esq (Member Board).
 5 Dr. P. K. Acharya M.A., Ph.D., D.Litt., Professor, Allahabad University (Convenor).
 6 Pandit Dakshinamurti Shastri, M.A., Professor, Kayastha Pathshala Allahabad (Co-opted Member).

(3) ARABIC AND PERSIAN

- 1 M. Zia-ul-Hasan Alvi M.A., Inspector of Arabic Madrasas United Provinces, Allahabad (Convenor).
 2 Maulvi Md. Ali Khan Naqvi (Member, Board).
 3 Dr. A. S. Tritton Professor, Aligarh Muslim Univer-

(11) CHEMISTRY.

1. Dr. N. R. Dhar, Professor, Allahabad University, Allahabad (Convener).
2. H. Krall, Esq., B.A., B.Sc., Professor, Agra College, Agra.
3. Mr. I. D. Varshani, Esq. (Member, Board).
4. S. C. Deb, Esq., M.A., Reader, Allahabad University, Allahabad.
5. Madho Prasad, Esq. M.Sc., Professor, Meerut College, Meerut.

(12) BIOLOGY.

1. Dr. W. S. Dodgeon, Ph.D., Professor, Ewing Christian College, Allahabad (Convener).
2. Dr. K. C. Mehta, Professor, Agra College, Agra.
3. D. R. Bhattacharya, Esq., M.Sc., Professor, Allahabad University, Allahabad.
4. Dr. K. N. Bahl (Member, Board).
5. Major M. A. Rahman, Principal, Medical College, Agra.

(13) AGRICULTURE.

1. Tej Shankar Kochak, Esq., Principal, Agricultural School, Balandshahr.
2. Chaudhri Mukhtar Singh (Member, Board).
3. Har Narayan Batham, Esq. M.A., Professor, Agricultural College, Cawnpore
4. Babu Shyam Lal (Member, Board).
5. S. Higginbottom, Esq., M.A., B.Sc., Principal, Agricultural Institute, Naini, Allahabad (Convener).
6. Maya Das, Esq., M.A., B.Sc. (Edin.), Principal, Agricultural College, Cawnpore (*Co-opted Member*).

(14) DRAWING, SURVEYING AND MANUAL TRAINING.

1. R. H. Moody, Esq., M.A., Offg. Assistant Director of Public Instruction, United Provinces, Allahabad.
2. C. J. Veale, Esq., Professor, Thomason Civil Engineering College, Roorkee.
3. N. Heard, Esq., Principal, Government School of Arts and Crafts, Lucknow.
4. Lala Wazir Sahai (Member, Board).

5. G F Worthen, Esq., Principal, Government Carpentry School, Allahabad (Convener).

(15) DOMESTIC SCIENCE

- 1 Miss S B Jacob Lady Principal, Mahilla Vidyalaya, Lucknow.
- 2 Mrs Sarlabai Naik (Member, Board)
- 3 Mrs I Senapati, c/o N. Senapati, Esq., I.C.S. Buxar.
- 4 Mrs B Padma Bai Rao, M.A., Lady Principal, Theosophical National Girls' School and Women's College, Benares
- 5 Miss H. G Swart, M.A. Chief Inspector of Girls' Schools, United Provinces Allahabad (Convener)

(16) COMMERCE

- 1 The Rev L Steele M.A., Professor St John's College, Agra.
- 2 E M Moffatt, Esq., M.A., Professor, Lucknow Christian College, Lucknow.
- 3 B N Chopra Esq., F.R.I.B.E.S. Professor Savitri Dham College of Commerce, Cawnpore
- 4 Lala Diwan Chand (Member, Board)
- 5 W R Watt, Esq. (Convener) (Member, Board)
- 6 Hira Lal Khanna Esq. (Member Board) (Co-opted Member)

(17) LOGIC.

- 1 Lala Diwan Chand (Member, Board)
- 2 The Rev T D Sully M.A. (Oxon.), Professor St John's College, Agra.
- 3 H. T. Cole Esq. M.A., Professor, Ewing Christian College, Allahabad
- 4 S C Clatterji Esq. (Member, Board).
- 5 P. S Burrell, Esq., Convener, (Member, Board).

(18) ECONOMICS.

- 1 C. D. Thompson Esq., M.A., Professor, Ewing Christian College Allahabad (Convener)
- 2 Dr L K Hyder (Member, Board)

3. Mrs. Saralabai Naik (Member, Board).
4. Shankar Prasad Bhargava, Esq., M.A., LL.B., Principal, Sanatan Dharm College of Commerce, Cawnpore.
5. Brij Gopal Bhatnagar, Esq., M.A., Reader, Allahabad University, Allahabad.

(19) INDIAN MUSIC

1. V. A. Kashalkar, Esq., Singit Pravin., Professor, Kayastha Pathshala, Allahabad.
2. Thakur Nawab Ali Khan, Lucknow.
3. B Sanjiva Rao, Esq. (Member, Board).
4. Mrs. Gupta, c/o. Dr. Gupta, Lucknow University, Lucknow.
5. Major D. R. Ranjit Singh (Convenor), (Member, Board).
6. Pandit P. B. Joshi, M.A., B.Sc., Professor, Government College, Ajmer (*Co-opted Member*).

(20) CIVICS.

1. B. Sanjiva Rao, Esq. (Member, Board).
2. P. K. Telang, Esq., M.A., LL.B., Professor, Benares Hindu University, Benares.
3. Dr. Tara Chand (Convenor), (Co-opted Member, Board).
4. Pandit Ram Prasad Tripathi, M.A., Reader, Allahabad University, Allahabad.
5. Dr. Radha Kumar Mukerji, M.A., Ph.D., P.B.S., Professor, Lucknow University, Lucknow.

(21) EDUCATION.

1. B. Sanjiva Rao, Esq. (Member, Board).
2. Miss H. G. Stuart, M.A., Chief Inspectress of Girls' Schools, United Provinces, Allahabad.
3. H. Tinker, Esq., B.Sc., I.E.S., Principal, Training College, Agra.
4. A. A. Simpson, Esq. (Convenor), (Member, Board).
5. Miss Florence Justin, M.A., Isabella Thoburn College, Lucknow.

MEMBERS OF THE CURRICULUM COMMITTEE

1. Lala Diwan Chand (Member, Board).
2. Maulvi Mehdi Husain Nuri (Member, Board)
3. R. H. Moody, Esq., M.A., Offg. Assistant Director of Public Instruction, United Provinces, Allahabad.
4. The Rev. Canon A. W. Davies (Member, Board) (Vice-Convenor)
5. B. Sanjiv Rao, Esq. (Member, Board)
6. Pandit Nanik Chand (Member, Board)
7. Pandit Ram Narayan Misra (Member, Board)
8. Panhit Iqbal Narayan Gurukul, M.A., LL.B. Theosophical Lodge, Benares
9. Dr. Tara Chand (Co-opted Member, Board)
10. Dr. W. S. Dudgeon, Professor, Ewing Christian College, Allahabad
11. Manohar Lal Zutshi Esq., M.A., I.C.S., Principal Government Jubilee Intermediate College Lucknow.
12. H. B. Wetherill Esq., M.A. Inspector of Schools, Rohilkund Division Bareilly (Convenor)
13. Babu Suraj Narain Mathur, B.A., LL.B., Head Master, Government High School Unso (Co-opted Member)
14. P. K. Telang Esq., M.A., LL.B., Professor, Benares Hindu University, Benares (Co-opted Member)
15. Babu Ganga Prasad (Member, Board), (Co-opted Member)
16. Babu Doss Prasad Khatri M.A., LL.B., Head Master, Pt. Prithi Nath High School, Cawnpore (Co-opted Member)

MEMBERS OF THE RECOGNITION COMMITTEE

1. Babu Syed Lal (Member, Board).
2. Dr. Tara Chand (Co-opted Member, Board)
3. Pandit Nanik Chand (Member, Board)
4. Lala Diwan Chand (Member, Board).
5. Dr. L. K. Hydari (Member, Board).
6. The Rev. J. L. Chatterjee (Member, Board)
7. The Deputy Director of Pathi-Instruction, United Provinces, Allahabad (Convenor)

MEMBERS OF THE FINANCE COMMITTEE.

1. Major D. R. Ranjit Singh (Member, Board).
2. The Rev. C. A. R. Janvier (Member, Board).
3. Hira Lal Khanna, Esq. (Member, Board).
4. Babu Ganga Prasad (Member, Board).
5. Pandit Nanak Chand (Member, Board).
6. Dr. Zia-ud-di Ahmad (Member, Board).
7. The Assistant Director of Public Instruction, United Provinces, Allahabad (Convener).

MEMBERS OF THE EXAMINATIONS' COMMITTEE.

1. Lala Diwan Chand (Member, Board).
2. Dr. K. N. Bahl, Esq. (Member, Board).
3. Dr. Tara Chand (Co-opted Member, Board).
4. The Rev. C. A. R. Janvier (Member, Board).
5. Manohar Lal Zutshi, Esq., M.A., I.E.S., Principal, Government Jubilee Intermediate College, Lucknow.
6. Raghunath Das, Esq., B.A., C.T. Registrar, Departmental Examinations, United Provinces, Allahabad (Co-opted Member).
7. The Secretary of the Board (Secretary and Co-opted Member).

MEMBERS OF THE COMMITTEE TO SCRUTINIZE APPLICATIONS FROM PRIVATE CANDIDATES.

1. Dr. Tara Chand (Co-opted Member, Board).
2. Babu Ganga Prasad (Member, Board).
3. The Rev. C. A. R. Janvier (Member, Board).
4. Mrs. Saralabai Naik (Member, Board).
5. R. H. Moody, Esq., M.A., Offg. Assistant Director of Public Instruction, United Provinces, Allahabad (Convener).

MEMBERS OF THE RESULTS COMMITTEE.

1. The Director of Public Instruction, United Provinces, Allahabad (Chairman).
2. Dr. Zia-ud-din Ahmad (Member, Board).
3. Rai Bahadur Sita Ram (Member, Board).
4. K. P. Kichlu, Esq., M.A., I.E.S., Deputy Director of Public Instruction, United Provinces, Allahabad.
5. R. H. Moody, Esq., M.A., Offg. Assistant Director of Public Instruction, United Provinces, Allahabad, The Secretary of the Board.

REGULATIONS

OF THE

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES

CHAPTER I

DEFINITION

In these regulations unless there is anything repugnant in the subject or context the following terms shall have the following meaning --

- (1) 'Chairman' means the Chairman of the Board of High School and Intermediate Education, United Provinces.
- (2) 'College' means an educational institution preparing candidates for the Intermediate or Commercial Diploma Examination of the Board and recognized by the Board for such a purpose.
- (3) 'Department' means the Department of Public Instruction in the United Provinces.
- (4) 'Director' means the Director of Public Instruction in the United Provinces.
- (5) 'Guardian' means the natural or legal guardian, or a person approved by the head of the institution concerned as the guardian of a student for the purposes of these regulations.
- (6) 'Head Master' means the head of a High School recognized by the Board.
- (7) 'High School' means an educational institution preparing candidates for the High School Examination of the Board and recognized by the Board for such a purpose.
- (8) 'Inspector' means an inspecting officer of the Education department.
- (9) 'Principal' means the head of an institution which maintains Intermediate classes recognized by the Board.

2. The number of members appointed by the Board to any committee shall, unless otherwise specified, be not less than three and not more than five.

3. Election of members to fill up ordinary vacancies in committees of the Board shall be held at the meeting of the Board immediately following the occurrence of the vacancy, and members shall hold office from the date of election.

4. Except in the case of the Examinations' Committee, the Board shall appoint, at its annual meeting, a member of each committee to be the Convener of the committee. In the event of the Convener ceasing to hold office, the committee shall appoint a substitute from among its own members to hold office till the next annual meeting of the Board.

5. The Secretary of the Board shall act as Secretary of the Examinations' Committee, and shall perform the functions performed by the Convener in other committees. Unless elected a member of the committee, he will not have a vote.

CHAPTER V.

COMMITTEES OF COURSES.

1. There shall ordinarily be Committees of Courses for each of the following subjects or groups of subjects :—

- | | |
|-----------------------------------|---|
| (a) English. | (l) Biology. |
| (b) Sanskrit. | (m) Agriculture. |
| (c) Arabic and Persian. | (n) Drawing, Surveying
and Manual Train-
ing. |
| (d) History. | (o) Domestic Science. |
| (e) Geography. | (p) Commerce. |
| (f) Indian Vernaculars. | (q) Logic. |
| (g) Greek, Latin and
Hebrew. | (r) Economics. |
| (h) European Modern
Languages. | (s) Indian Music. |
| (i) Mathematics. | (t) Civics. |
| (j) Physics. | (u) Education. |
| (k) Chemistry. | |

2. Committees of Courses shall be constituted for such other subjects of study as may from time to time be prescribed by the Board.

3. Each Committee of Courses shall lay down a syllabus in the subject with which it is concerned and recommend or prescribe suitable text-books, when considered necessary, in conformity with that syllabus.

4. Every Committee of Courses shall ordinarily meet in the month of February every year, and draw up courses three years ahead of the examinations for which they are intended to be prescribed. The draft courses proposed by the Committee shall be circulated, as soon as may be, among the members of the Board. Any observations made by members in regard thereto shall be communicated by them direct to the Convener concerned before the end of August in the same year. If, in the opinion of the Convener, the returns of the examinations received justify the recommendation of the courses drawn up by the Committee he shall summon another meeting of the Committee to reconsider the courses or ascertain by correspondence the views of the members of the Committee on the suggestions received; otherwise the courses drawn up shall be taken to be finally approved by the Committee.

8. A committee may bring to the notice of the Board any matter connected with the examinations or courses in respect of the subject or subjects with which it is concerned.

9. Any two or more Committees of Courses may, and at the request of the Board shall, meet and render a joint report upon any matter with which they are severally and jointly concerned.

CHAPTER VI.

THE EXAMINATIONS' COMMITTEE.

It shall be the duty of the Examinations' Committee, subject to the sanction and control of the Board,—

- (a) to order examinations in conformity with the regulations and to fix dates for holding them;
- (b) to consider the recommendations of the Committees of Courses with regard to examiners and to prepare lists of examiners for the approval of the Board;
- (c) to appoint boards of moderators on the recommendation of the Committees of Courses;
- (d) to fix the number of question papers to be set in each subject after receiving recommendations from the Committees of Courses concerned;
- (e) to recommend the standard of length for written tests in different subjects, after receiving recommendations from the Committees of Courses concerned;
- (f) to propose maximum and minimum marks for each subject and for each part of a subject, after receiving recommendations from the Committees of Courses concerned;
- (g) to frame rules for the award of grace marks;
- (h) to prescribe forms of application to be filled up by candidates applying for permission to appear at examinations, and forms of certificates to be granted to successful candidates;

- (1) to fix rates of honorarium for examiners, invigilators and others,
- (2) to propose the opening and closing of centres of examination,
- (3) to prescribe the mode of conducting the oral and practical tests, if any,
- (4) to consider all other matters arising out of the conduct of examinations, and to make recommendations, where necessary, to the Board.

CHAPTER VII

RECOGNITION OF INSTITUTIONS BY THE BOARD.

1. The Committee of Recognition shall consist of seven members at least five of whom shall be elected by the Board.

2. Its duties shall be to scrutinize applications for recognition, to call for other information necessary for purposes of recognition, and to perform such other duties as may be delegated to it by the Board.

3. An institution desiring to be recognized for the purposes of an examination conducted by the Board shall, not later than the month of December in the year preceding that in which it proposes to open classes in preparation for an examination, apply to the Secretary for permission to send up candidates.

4. On receipt of an application for recognition the Secretary shall forward it to the Inspector of Schools within whose jurisdiction the institution is situated with a request for a local enquiry and a report and recommendation regarding the fitness of the institution for recognition. In the case of an Intermediate College the Director of Public Instruction may associate with the Inspector, for the purpose of the local enquiry and report, one or more persons who will be chosen from a list of persons nominated by the Board. Such persons shall be actually engaged in the work of teaching in the United Province. The report shall be submitted to the Recognition Committee through the

Director of Public Instruction, who will add his comments and recommendations, if any.

5. Applications for recognitions shall set out in detail the following particulars, upon which the inspecting authority should make its report and recommendation:—

- (a) whether there is a real need of the institution in the locality;
- (b) the constitution of the governing body, if any;
- (c) the name of the manager or secretary or correspondent, as the case may be;
- (d) the qualifications and rates of pay of the teaching staff;
- (e) the examination or examinations for which it desires recognition;
- (f) the subject or subjects of instruction in which the institution undertakes to make provision;
- (g) the accommodation provided in class-rooms and in hostels;
- (h) the provision made for the health, recreation and discipline of scholars;
- (i) the financial position of the institution and the sources and amount of income;
- (j) the scale of fees charged and the provision, if any, for the admission of poor scholars;
- (k) the number of scholars in each class or section of a class.

6. Any other information which the Board may call for in connection with the application shall be supplied by the institution through the inspecting authority.

7. The inspecting authority in forwarding its report shall state whether and in what subjects or on what conditions recognition should, in its opinion, be granted.

8. No institution shall be recognized unless it agrees to comply with the following requirements:—

- (a) it shall, in the case of a High School, be open to inspection by the inspecting officers of the department, and in the case of an Intermediate

College by the inspecting officer of the department with whom the Director of Public Instruction may, for purposes of formal inspection, associate one or more persons chosen from the list referred to in Regulation 4,

- (b) all information and returns called for by the department or the Board shall be duly furnished.
- (c) * it shall not prepare and send up candidates for a rival examination (High School, Intermediate or Commercial Diploma) when an examination of the same nature and similar standard is held by the Board.
- (d) it shall make suitable arrangements for the health, recreation, and supervision of boarders and for the sanitation of its premises generally.

D. If satisfied that an institution is deserving of recognition, the Board shall direct the Secretary to enter its name upon a list of recognized institutions to be kept by him, and the Secretary shall inform the institution and the Inspector of the division in which it is situated in which subjects, on what conditions and for what examination or examinations it has been recognized.

10. Where an institution desires to add to the subjects of instruction in respect of which recognition has been granted, the procedure prescribed by the foregoing regulations shall, as far as may be, be followed.

11. An institution recognized by the Board for the purpose of any of its examinations shall submit to the department annual returns giving the personnel and pay of the teaching staff. Any change in the management shall be communicated as soon after the change as possible.

12. The department shall forward to the Secretary copies of all notifications from a recognized institution communicating changes in management and in the number,

* Note.—This clause does not apply to the Cambridge Local Examinations in the case of European schools.

qualifications and salaries of the teaching staff, the result of which, in its opinion, affects the fitness of the institution for continued recognition by the Board.

13. If the department is of opinion that any institution recognized by the Board has, by reason of deterioration, ceased to meet the requirements of the Board, the department shall make a report to the Board. On receipt of the department's report, the Board may, through the Divisional Inspector, institute such enquiry as it thinks fit. The report of the Inspector will be submitted to the Board through the Director of Public Instruction, who will add his comments, if any, and the Board will take the report into consideration at its next meeting and inform the department of its decision. In the case of an Intermediate College the Director of Public Instruction may associate with the Inspector for the purpose of the enquiry one or more persons chosen from the list referred to in Regulation 4.

14. In any case in which the Board may decide that action is necessary upon the report, it will first call upon the authorities through the department to show cause why such action should not be taken.

15. No action shall be taken by the Board on any report by the department without first giving the institution concerned an opportunity of making any representation it may wish to make through the department to the Board.

16. The Board shall, if satisfied that the institution is no longer fit for recognition, direct the Secretary to issue a warning to the governing body through the department that unless within a period fixed by the Board the institution removes the defect or defects to which attention has been called, it will be struck off the list of recognized institutions, or that recognition will be withdrawn in one or more optional subjects. The Board shall have power to extend from time to time the period so fixed.

17. If within the time fixed by the Board, or within such further time as may be allowed by it, the institution

8. A committee may bring to the notice of the Board any matter connected with the examinations or courses in respect of the subject or subjects with which it is concerned.

9. Any two or more Committees of Courses may, and at the request of the Board shall, meet and render a joint report upon any matter with which they are severally and jointly concerned.

CHAPTER VI.

THE EXAMINATIONS' COMMITTEE.

It shall be the duty of the Examinations' Committee, subject to the sanction and control of the Board,—

- (a) to order examinations in conformity with the regulations and to fix dates for holding them;
- (b) to consider the recommendations of the Committees of Courses with regard to examiners and to prepare lists of examiners for the approval of the Board;
- (c) to appoint boards of moderators on the recommendation of the Committees of Courses;
- (d) to fix the number of question papers to be set in each subject after receiving recommendations from the Committees of Courses concerned;
- (e) to recommend the standard of length for written tests in different subjects, after receiving recommendations from the Committees of Courses concerned;
- (f) to propose maximum and minimum marks for each subject and for each part of a subject, after receiving recommendations from the Committees of Courses concerned;
- (g) to frame rules for the award of grace marks;
- (h) to prescribe forms of application to be filled up by candidates applying for permission to appear at examinations, and forms of certificates to be granted to successful candidates;

- (1) to fix rates of honorarium for examiners, invigilators and others,
- (2) to propose the opening and closing of centres of examination,
- (3) to prescribe the mode of conducting the oral and practical tests, if any,
- (4) to consider all other matters arising out of the conduct of examinations, and to make recommendations, where necessary to the Board

CHAPTER VII

RECOGNITION OF INSTITUTIONS BY THE BOARD.

1 The Committee of Recognition shall consist of seven members at least five of whom shall be elected by the Board

2 Its duties shall be to scrutinize applications for recognition, to call for other information necessary for purposes of recognition, and to perform such other duties as may be delegated to it by the Board

3 An institution desiring to be recognized for the purposes of an examination conducted by the Board shall, not later than the month of December in the year preceding that in which it proposes to open classes in preparation for an examination, apply to the Secretary for permission to send up candidates

4 On receipt of an application for recognition the Secretary shall forward it to the Inspector of Schools within whose jurisdiction the institution is situated with a request for a local enquiry and a report and recommendation regarding the fitness of the institution for recognition. In the case of an Intermediate College the Director of Public Instruction may associate with the Inspector, for the purposes of the local enquiry and report, one or more persons who will be chosen from a list of persons nominated by the Board. Such persons shall be actually engaged in the work of teaching in the United Provinces. The report shall be submitted to the Recognition Committee through the

College by the inspecting officer of the department with whom the Director of Public Instruction may, for purposes of formal inspection, associate one or more persons chosen from the list referred to in Regulation 9.

- (b) all information and returns called for by the department or the Board shall be duly furnished,
- (c) * it shall not prepare and send up candidates for a rival examination (High School Intermediate or Commercial Diploma) when an examination of the same nature and similar standard is held by the Board;
- (d) it shall make suitable arrangements for the health, recreation, and supervision of boarders and for the sanitation of its premises generally.

9 If satisfied that an institution is deserving of recognition the Board shall direct the Secretary to enter its name upon a list of recognized institutions to be kept by him and the Secretary shall inform the institution and the Inspector of the division in which it is situated in which subjects on what conditions and for what examination or examinations it has been recognized.

10 Where an institution desires to add to the subjects of instruction in respect of which recognition has been granted the procedure prescribed by the foregoing regulations shall as far as may be be followed.

11 An institution recognized by the Board for the purposes of any of its examinations shall submit to the department annual returns giving the personnel and pay of the teaching staff. Any change in the management shall be communicated as soon after the change as possible.

12 The department shall forward to the Secretary copies of all notifications from a recognized institution communicating changes in management and in the number,

* NOTE - This clause does not apply to the Cambridge School Certificate Examination in the case of European schools.

fails to satisfy the Board that it is conforming to its requirements, the Board shall strike the institution off the list of recognized institutions or shall withdraw recognition in one or more optional subjects.

18. The Board may, at a subsequent date after report by an Inspector reinstate an institution on the list of recognized institutions or, if recognition was withdrawn in one or more optional subjects restore to it the privileges of preparing candidates thereon.

19. No institution shall be recognized in any branch of experimental science unless it satisfies the Board—

- (a) that the number of students assigned to a single teacher in practical work at one time does not exceed 20
- (b) that suitable and in the case of Intermediate classes separate laboratories for each branch of experimental science are provided and that each of them is adequately equipped

CHAPTER VIII

THE FINANCE COMMITTEE

1. The Finance Committee shall act as an advisory body in all matters concerning the finances of the Board.

2. It shall consist of—

- (a) the Assistant Director of Public Instruction *ex officio Convener*,
- (b) one Principal of an Intermediate College not maintained by Government who is a member of the Board,
- (c) one representative of the non official members of the Legislative Council who is a member of the Board,
- (d) four other members elected by the Board.

3. The annual financial statement of the Board shall first be laid before the Finance Committee before being submitted to the Board.

4. The Finance Committee shall also see the schedules of new demands proposed to be included in the budget relating to institutions recognized by the Board, and submit its views thereon for the consideration of the Board.

CHAPTER IX.

THE CURRICULUM COMMITTEE.

1. The number of members appointed to the Curriculum Committee by the Board shall be twelve, of whom at least nine shall be members of the different Committees of Courses.

2. The duties of the Curriculum Committee shall be—

- (a) to consider the total number of compulsory and optional subjects for each of the Board's examinations;
- (b) to arrange the standards of the courses for the Middle, High School and Intermediate stages in a regular graded order;
- (c) to prescribe curricula for the Intermediate Examination leading to both University and vocational courses;
- (d) to consider proposals for the introduction of new subjects and the exclusion of existing subjects;
- (e) to consider questions of the formation of groups of subjects and the alternation of one group with another;
- (f) to lay down courses for the middle section of English schools.

CHAPTER X.

CONDITIONS UNDER WHICH GRANTS-IN-AID MAY BE GIVEN TO RECOGNIZED INSTITUTIONS.

1. No grant-in-aid shall be recommended to any institution unless it has been recognized by the Board.

2. An institution receiving grant in aid shall, unless specially exempted by the Government invest all Government grants not disbursed within a month of their receipt in a Presidency or post office savings bank.

3. An institution shall be liable to have its grant withdrawn if it continues, even after a warning by the department, to employ a teacher who takes an active part in political agitation calculated to subvert the authority of Government.

4. The provisions of the Educational Code, United Provinces, with regard to grants in aid shall apply to all institutions recognized by the Board, so far as they are not inconsistent with these regulations.

CHAPTER XI

RESIDENCE OF STUDENTS

1. Where accommodation is available every student of a recognized institution shall reside in a hostel provided by it, or in a hostel recognized by the head of the institution, or with a parent or guardian.

2. Where no accommodation is available in a recognized hostel the head of an institution may permit a student or students to live in lodgings reserved by the keeper thereof for students of recognized institutions provided—

(a) that the lodgings are open to inspection by the head of the institution concerned or by any member of the staff who is deputed for the purpose, and

(b) that the keeper is willing to submit to the requirements regarding supervision of students laid down by the head of the institution or heads of institutions concerned.

CHAPTER XII.

EXAMINATIONS.

General Rules.

1. The Board shall conduct the following examinations:—

- (a) The High School Examination.
- (b) The Intermediate Examination.
- (c) The Commerical Diploma Examination.

2. The Board's examinations shall be held at such centres and on such dates and at such times as the Board may from time to time appoint.

3. The tests at the Board's examinations may be partly oral or practical and partly written. Oral and practical tests shall be carried out by examiners appointed by the Board in such manuer as the Examinations' Committee may prescribe from time to time. Written tests shall be by means of question papers, and the question papers shall be given out simultaneously at every centre at which the examination is being held.

4. Every candidate for admission to an examination held by the Board shall, not less than twelve weeks before the date fixed for the commencement of the examination,—

- (a) pay the fee prescribed for the examination,
- (b) state the optional subject or subjects in which he desires to present himself for examination, and
- (c) furnish the Secretary with a certificate showing—
 - (i) that he has completed a regular course of study in a recognized institution, or
 - (ii) that he has been permitted by the Board to appear as a private candidate.

5. The following fees shall be paid in respect of the examinations held by the Board:—

- (1) High School Examination, Rupees 15 by each candidate from a recognized institution.

- (2) High School Examination Rupees 20 by each private candidate.
- (3) Intermediate Examination Rupees 25 by each candidate from a recognized institution.
- (4) Ditto .. Rupees 30 by private candidates.
- (5) Commercial Diploma Examination Rupees 25 by each candidate from a recognized institution.
- (6) Ditto Rupees 30 by private candidates.
- (7) Examination in one subject only Rupees 5.
- (8) Examination in more than one subject. Rupees 5 for each subject.
- (9) Fee for checking the results of failed candidates. Rupees 10 per candidate

6. A candidate who fails to pass or who from sickness or other sufficient cause is unable to present himself for any examination shall not receive a refund of his fee.

Provided the Board may, on application, admit a candidate who was unable to present himself for any examination to the next ensuing examination without payment of a further fee.

Provided also that the fee may not be held over for the next ensuing examination in the case of a candidate who absented himself from a part of the examination.

7. The Secretary shall, after satisfying himself that a candidate has complied with all the requirements for admission to an examination of the Board furnish the candidate with a card of admission on presentation of which to the local superintendent of the examination the candidate shall be permitted to sit for the examination.

8. Notwithstanding anything contained in these regulations, no candidate who has been expelled or is still undergoing rustication shall be admitted to any examination of the Board.

9. The Secretary, if satisfied that a candidate's admission card has been lost or destroyed, may grant a duplicate card on payment of a further fee of Rs. 2.

10. Private candidates shall be eligible to appear at the Board's examinations on the conditions hereinafter laid down.

11. A candidate who desires to offer himself for examination as a private candidate shall, not later than the 1st of October preceding the date fixed for the next ensuing examination, send in an application to the Secretary, through the Inspector of Schools of his division, or the head of an educational institution recognized by the Board for the examination in question, in the prescribed form, setting forth—

- (a) his age at the time of the application,
- (b) the conditions under which he has been studying and is proposing to continue his studies,
- (c) the optional subject or subjects which he offers.

He should also forward the original copy of the scholar's register granted to him by the institution, if any, at which he last studied.

12. Such applications from intending private candidates shall be referred to the Standing Committee of the Board appointed to scrutinize applications from private candidates.

13. Such applications, after being scrutinized by the Committee, shall either be granted or rejected by it.

14. Notwithstanding anything contained in these regulations, any female candidate, who is not studying at a recognized institution, may be admitted by the Committee referred to in Regulation 12 above as a Private Candidate to any of its examinations unconditionally, except that before appearing at the Intermediate Examination two

years should have elapsed since the date of her passing the High School or an equivalent examination.

15. Except when otherwise provided in these regulations, the names of candidates who have passed an examination of the Board shall be placed in three divisions, and further, the names of students from recognized institutions, shall be grouped according to the institutions in which they have studied.

16. A candidate who has failed in an examination may present himself for one or more subsequent examinations, provided that he shall on each and every such occasion satisfy the Secretary that he has fulfilled the conditions laid down in the regulations for the admission of candidates to the Board's examinations.

17. A candidate who has failed in an examination may be admitted to a subsequent examination without attending a regular course of study in a recognized institution, provided—

- (a) that he has not pursued his studies at an educational institution of any kind,
- (b) that not less than six months before the date fixed for the next examination he sends an application to the Secretary through and recommended by the head of the institution at which he last studied in the prescribed form setting out—

 - (i) the conditions under which he has been studying and is now proposing to continue his studies,
 - (ii) the dates of his failing in the examination,
 - (c) that, in the case of a candidate who has taken Science as an optional subject, he passed the practical examination at his last appearance for the examination.

18. Any candidate who has obtained 40 per cent. of the aggregate number of marks but has failed in one subject only, obtaining not less than 25 per cent in that subject, shall be admitted to a subsequent examination in the subject in which he failed on payment of the fee prescribed in

these regulations : and if he passes in that subject he shall be deemed to have passed the examination.

19. Heads of recognized institutions are not entitled to detain candidates who have fulfilled the conditions laid down for permission to appear at one of the Board's examinations, except for very grave reasons and with the previous sanction of the Chairman of the Board.

CHAPTER XIII.

HIGH SCHOOL EXAMINATION.

1. The following are the subjects prescribed for the High School Examination of the Board :—

Compulsory.

- (1) English.
- (2) Mathematics.
- (3) (a) Indian History, and English History from 1485.
- (b) Geography.
- (4) An Indian Vernacular.

Optional

- (1) One of the following Classical Languages :— Sanskrit, Arabic, Persian and Latin.
- (2) Commerce.
- (3) Physics and Chemistry.
- (4) Agriculture.
- (5) Drawing
- (6) Manual Training.
- (7) A Modern European Language.
- (8) Domestic Science.
- (9) Metal work.

N. B.—Candidates must take up one optional subject for examination, and no candidate will be examined in more than one such subject, in addition to the compulsory subjects, at one and the same examination : provided that a

candidate who has passed the High School or an equivalent examination in a place outside the United Provinces, may present himself for examination in any subsequent year in one or more optional subjects without re-examination in the compulsory subjects, and such a candidate will, if successful, be entitled to have an entry made in the certificate already granted to him certifying in which additional optional subject or subjects he has passed.

2 A candidate is not entitled to a certificate of having passed the High School Examination unless he qualifies separately in each subject offered by him thereat.

3 Dairies shall be kept by all teachers employed in teaching classes preparing for the High School Examination, showing the work done in class in each subject taught by them, and such dairies shall be inspected by the oral or practical examiners or by such other authorities as the Board may depute.

4 The question papers set and the written answer-books of all candidates at terminal examinations shall also be subject to inspection in such manner and by such authorities as the Board may direct.

5 The head of the institution shall furnish the oral or practical examiner, or such other authority as the Board may appoint, with a list of the candidates undergoing examination in the subject or subjects with which he is concerned, and shall make an entry against each name regarding the proficiency of the candidate as judged by his record therein during the course of study prescribed for the examination.

6 The head of the institution shall submit to the Secretary before 1st May in the prescribed form the following particulars for each candidate —

- (a) the percentage of marks obtained in each terminal examination conducted in the institution during the regular course of study prescribed for the examination,

- (b) an entry for each subject of examination showing whether in the opinion of the head of the institution—
- the candidate deserves to pass ("P")
or
 - the candidate's case is doubtful ("D")
or
 - the candidate is not expected to pass ("F").

CHAPTER XIV.

INTERMEDIATE EXAMINATION.

1. Every candidate for admission to the Intermediate Examination shall be required to have passed the Board's High School Examination, or to have passed an examination which by regulation is declared equivalent thereto, before entering upon the course of study prescribed for the Intermediate Examination.

2. The following examinations are declared equivalent to the Board's High School Examination for the purpose of enabling candidates to enter upon the course of study prescribed for the Intermediate Examination:—

- the Matriculation Examination of any University established by law in India approved for the purpose by the Board. (The Matriculation Examination of the following Universities are approved by the Board:—Allahabad, the Punjab, Bombay, Calcutta, Madras, Patna, Benares and Aligarh);
- the School-Leaving Certificate Examination of the United Provinces, or of another province;
- the Cambridge Senior Local Examination (provided a student has passed in five of such subjects as are recognized for the Matriculation Examination of the Allahabad University or the School-Leaving Certificate Examination of the United Provinces);
- the Diploma Examination of the Chiefs' Colleges;

(5) the High School Examination for European Schools
in the Central Provinces and in other provinces

3 No candidate shall be admitted to the Intermediate Examination unless two academical years shall have elapsed since the date of his or her passing the High School or an equivalent examination.

4 Any student who has kept one academical year at a college affiliated to the Universities of Calcutta, Madras, Bombay, Patna, Benares or the Panjab, after matriculation, may be allowed a year corresponding to that which he has so kept, provided he produces a satisfactory certificate from the Principal of a college affiliated to the Universities of Calcutta, Madras, Bombay, Patna, Benares or the Punjab that the corresponding year has been duly kept according to the regulations in force at the University from which he has migrated and that the said Principal has no objection to his transfer.

5 Every candidate for the Intermediate Examination shall be examined in English and any three of the following subjects —

- (1) Mathematics,
 - (2) Chemistry,
 - (3) Physics,
 - (4) Biology,
 - (5) Drawing
 - (6) Economics,
 - (7) Civics,
 - (8) Modern History,
 - (9) Ancient History
 - (10) Geography
 - (11) Logic,
 - (12) A Modern Indian Language (Urdu or Hindi or Bengali or Marathi)
- or*
- a Modern European Language (German or French),

(13) A Classical Language, viz., Sanskrit, Arabic, Persian, Latin, Greek or Hebrew.

6. Female candidates shall be permitted to offer an Indian Vernacular or a Modern European Language in place of a Classical Language.

7. Any candidate who has passed the Intermediate Examination with Science subjects may present himself for examination at any subsequent Intermediate Examination in one of the Classical Languages.

8. Any student who has passed the Intermediate Examination may appear, at any subsequent Intermediate Examination, for any or all of the Science subjects, provided he produces evidence satisfactory to the Board that he has completed the practical course prescribed for that Science subject.

CHAPTER XV.

COMMERCIAL DIPLOMA EXAMINATION.

1. Every candidate for admission to the Commercial Diploma Examination shall be required to have passed the Board's High School Examination, or an examination equivalent thereto, and to have, since the passing of this examination, prosecuted a regular course of study for not less than two academical years at an institution recognized by the Board for the Commercial Diploma Examination.

2. Inspecting officers of an Education department and teachers in schools and colleges recognized by the Board may be admitted to this examination as Private Candidates by special permission of the Board, provided that by the date of the examination not less than two academical years shall have elapsed since the date of their passing the High School Examination or an examination equivalent thereto.

3. The following are the subjects of examination. These may be arranged in alternative groups in such

manner and with such additions and alterations as the Board may from time to time decide —

- (1) Book Keeping and Accountancy
 - (2) Correspondence and Business Methods
 - (3) The use of the Typewriter
 - (4) Commercial History
 - (5) Commercial Geography
 - (6) Shorthand
 - (7) Elements of Economics
-

CHAPTER XVI

ELECTION OF MEMBERS OF THE BOARD UNDER CLAUSES (c) AND (e) OF SUB-SECTION (1) OF SECTION 3 OF THE ACT

1 An election to fill any vacancy amongst members of the Board which is to be filled by election by Principals of Intermediate Colleges not maintained by Government or by Head Masters of High Schools not maintained by Government shall be held on such dates as the Chairman shall appoint.

2 As soon as the Chairman has fixed the date for election the Secretary shall circulate a notice to every Principal or Head Master as the case may be inviting the nomination of a candidate other than himself for election within the time to be named in the notice. Such time shall be not less than a fortnight from the date of the issue of the notice. Such notice shall state the date and hour up to which nominations will be received by the Secretary at his office.

3 Within the said time any Principal or Head Master as the case may be may propose a candidate other than himself for election as a member provided that such candidate is willing to stand for election. This proposal need not be seconded.

4 On the expiration of the period fixed by the notice the Secretary shall after scrutiny of the nominations received

prepare and send to every voter a list of candidates who have been duly nominated, and have not withdrawn their candidature, together with a voting paper; and shall also specify the date fixed for election and the time on the said date up to which votes must be deposited with him:

Provided that if the number of such candidates is equal to the number of vacancies, all such candidates shall be deemed to be elected; and provided further that if the number of such candidates is less than the number of vacancies, all such candidates shall be deemed to be elected, and the Secretary shall invite fresh nominations for the remaining vacancy or vacancies.

5. The voting paper must be signed by the voter and shall be placed by him in a sealed cover superscribed "voting paper for the election of a member of the Board." He shall either deliver the cover in person to the Secretary at his office or send it by registered post to him. The voting paper must reach the Secretary before the expiry of the time fixed within which votes will be received. The Secretary shall deposit all covers containing voting papers in a safe in his office, until the time fixed by the Chairman for opening them, and for scrutinizing and counting the votes.

6. The Chairman shall appoint two members of the Board to act with the Secretary in the scrutiny and counting of the votes.

7. At the time fixed for opening the covers of the voting papers, the covers shall be opened by the Secretary in the presence of the said members, and the voting papers shall then be duly scrutinized.

8. Every Principal or Head Master, as the case may be, of an institution recognized by the Board shall be entitled to vote. Every voter shall have as many votes as there are vacancies to be filled: provided that no voter shall give more than one vote to any one candidate. If more than one vote be recorded by a voter for the same candidate, such votes shall be recognized as one vote. If the voter records more

votes than the vacancies his voting paper shall be declared invalid. The decision of the Secretary and the two members of the Board appointed to act with him shall be final as to the validity of any votes recorded. In case of difference of opinion between them the decision shall be in accordance with the opinion of the majority.

9 After the scrutiny is completed and the votes have been counted a statement shall be prepared for submission to the Chairman showing the number of valid votes received by each candidate. Such statement shall be signed by the Secretary and the said two members of the Board.

10 A candidate who has received the largest number of valid votes shall be deemed to be elected. In the event of two or more candidates obtaining an equal number of votes the election shall be determined by lot to be drawn in the presence of the Secretary and the two members of the Board and such manner as the Secretary may think fit.

11 The voting papers shall be preserved in the Secretary's office after the election till such time as the Chairman may direct.

CHAPTER XVII

MISCELLANEOUS

1 Detailed information regarding the examinations of the Board shall be given in the Prospects of the Examinations which is issued annually by the Secretary of the Board and can be obtained from the Superintendent Government Press Allahabad on payment of the fixed price.

2 The rules of the Educational Code of the United Provinces of Agra and Oudh shall apply to all institutions recognized by the Board in so far as they are not inconsistent with these regulations.

3 The Board shall from time to time prepare such forms and registers as may be deemed necessary. The forms when so prepared shall be appended to these regulations and shall,

with such variations as circumstances may require, be used for the respective purposes therein mentioned.

4. The Board shall, for the purposes of a regular course of study, prescribe the minimum number of meetings of a class that must be held in preparation for any of its examinations.*

5. Admission to any class or section of a class shall be limited to a maximum of 35 scholars in a class or section of a class of a High School, excluding primary classes, and 45 in a section of the Intermediate classes: provided that in the case of colleges which were affiliated up to the Intermediate standard by the Allahabad University the maximum in a section may be 60 for a period of five years.

* NOTE.—“The minimum number of days that recognized institutions including classes XI and XII will be open will be 180; for other recognized institutions the minimum number will be 200.

No candidate will be presented for an examination of the Board by a recognized institution unless he has been present (in classes IX and X in the case of the High School Examination and in classes XI and XII in the case of the Intermediate Examination) for at least 75 per cent. of the days the institution was open during two academical years.

In the case of failed and detained candidates the percentage will be calculated for one academical year only.

The head of a recognized institution may condone a deficiency of not more than six days. All cases in which this privilege is exercised will be reported to the Board.

The Board may, in very special cases, condone a deficiency of not more than 15 days.”

RULES OF THE EXAMINATIONS COMMITTEE

Rules for the scrutiny of marks and the checking of the results of failed candidates

1 Any candidate who has failed at an examination conducted by the Board may apply to the Secretary for the scrutiny of his marks and the re checking of his result

2 Such applications must be made within two months from the date of the publication of the result and must be forwarded by the head of the institution or other authority who forwarded the candidate's original application for permission to appear at the examination

3 All such applications must be accompanied by a copy of the Treasury challan showing that the prescribed fee of Rs 10 has been paid. In the case of candidates belonging to Indian States this fee must be sent in cash to the office of the Secretary

4 A candidate shall not be entitled to a refund of the fee unless as a result of the scrutiny he is declared successful in the examination

5 If on scrutiny and re-checking a failed candidate is found to have passed his name shall be once published in the Gazette in a supplementary list. In all other cases the result of the scrutiny shall be communicated to the candidate through the head of the institution or other forwarding authority as soon as possible

LIST OF EXAMINATION CENTRES.

*List of Centres for the Intermediate Examination
of 1924.*

1. Meerut College, Meerut.
2. D. A.-V. Intermediate College, Dehra Dun.
3. St. John's College, Agra.
4. Bareilly College, Bareilly.
5. Government Intermediate College, Moradabad.
6. Government Intermediate College, Etawah.
7. Ewing Christian College, Allahabad
8. Kayastha Pathstala, Allahabad.
9. Government Intermediate College, Allahabad.
10. Government Intermediate College, Jhansi.
11. Queen's Intermediate College, Benares.
12. St. Andrew's College, Gorakhpur.
13. Government Jubilee Intermediate College, Lucknow.
14. Christian Intermediate College, Lucknow.
15. Government Intermediate College, Fyzabad.
16. Government Intermediate College, Almora.
17. Christ Church Intermediate College, Cawnpore.
18. Government College, Ajmer.
19. Christian College, Indore.
20. Maharaja's College, Jaipur.
21. Victoria College, Gwalior.
22. Morris College, Nagpur.
23. Robertson College, Jubbulpore. -

*List of Centres for the Commercial Diploma Examination
of 1924.*

1. St. John's College, Agra.
2. S. D. College of Commerce, Cawnpore.
3. Christ Church College, Cawnpore.
4. Christian College, Lucknow.

*List of Centres for the High School Examination
of 1924 (School-Leaving Certificate model.)*

1. D. A.-V. Intermediate College, Dehra Dun.
2. Government High School, Muzaffarnagar.

- 3 Government High School, Meerut
- 4 Church Mission High School, Meerut
- 5 Government High School, Bulandshahr
- 6 N. R. Edward Coronation Intermediate College
Khurja
- 7 Government High School Aligarh
- 8 Government High School Mnttra
- 9 Government High School Agra
- 10 St. John's High School, Agra
- 11 Radhaswami Educational Institute, Agra
- 12 Government High School Mainpuri
- 13 Government High School, Bareilly
- 14 Government High School Bijnor
- 15 Government High School Budaun
- 16 Government Intermediate College Moradabad
- 17 Shiam Sunder Memorial Intermediate College
Chandausi
- 18 Government High School Shahjahanpur
- 19 Government High School Farrukhabad
- 20 Government High School Fatehgarh
- 21 Government Intermediate College Etawah
- 22 Government High School, Cawnpore
- 23 Government Intermediate College, Allahabad
- 24 Kayastha Pathshala Allahabad
- 25 Government Intermediate College Jhansi
- 26 MacDonnell High School Jhansi
- 27 Queen's Intermediate College Benares
- 28 London Mission High School Benares
- 29 Jai Narain's High School, Benares
- 30 Udit Pratip College and Hewett Kshatriya High
School, Benares
- 31 Government High School, Balia
- 32 Government Jubilee High School, Gorakhpur
- 33 Wesley High School Azamgarh
- 34 Government High School Basti
- 35 Government High School Naini Tal

paper for the purpose of avoiding divergences between the Vernacular renderings—the same fee as for setting each of these papers.

II.—HIGH SCHOOL EXAMINATION.

	Rs. a. p.
1. For setting a paper	30 0 0
2. For marking each answer-paper	0 8 0
3. For marking each Dictation and Shikast sheet.	0 4 0
4. For Oral and Practical Examination per candidate.	2 0 0 With a minimum of Rs. 20 for each school.
5. To the Head Examiner, in addition to the fee for marking answer-papers or setting questions.	40 0 0 On the same conditions as in the Intermediate.
6. For translating a paper.	20 0 0
7. To the Head Examiner in Oral English and in Science Practical for checking the work of assistant examiners.	10 0 0 Per hundred candidates.
8. For setting a paper in Vernacular Dictation and in Urdu Shikast.	15 0 0

9. For the Examiner who collaborates with the translators (Urdu, Hindi and Bengali) of English III paper for the purpose of avoiding divergences between the Vernacular renderings—the same fee as for setting each of these papers

III.—COMMERCIAL DIPLOMA

Rs a. p.

1. For setting a pa. per.	30 0 0
2 For marking each answer-paper.	1 0 0
3 For the practical examination per candidate.	1 0 0 With a minimum fee of Rs 30.

The Boards of Moderators for the Board's High School,
Intermediate and Commercial Diploma
Examinations of 1925.

(5) ENGLISH

1. A. A. Simpson, Esq., M.A., Principal, Training College, Allahabad
2. Rai Bahadur A. C. Mukerji, M.A., Secretary Board of High School and Intermediate Education, United Provinces, Allahabad
3. Dr. C. A. R. Janvier, M.A., D.D., Principal, Ewing Christian College, Allahabad (*to act as Convener*)

(2) HISTORY

1. The Rev J. R. Chitambar M.A., D.D., Principal, Christian College, Lucknow
2. Dr S. A. Khan, M.A., D.LITT., University Professor of Modern Indian History, Allahabad
3. Dr Tara Chand M.A., D.Phil. (Oxon), Principal, Kayastha Pathshala College, Allahabad (*to act as Convener*)

(3) PHYSICS

1. Dr. Wali Muhammad, M.A., Ph.D., Lucknow University, Lucknow.
2. W. G. P. Wall, Esq., M.Sc., Vice-Principal Training College, Allahabad.
3. Saligram Bhargava, Esq., M.Sc., University of Allahabad, Allahabad (*to act as Convener*)

(4) COMMERCE

1. The Rev. L. Steele, F.I.T., Professor of Commerce, St. John's College, Agra.
2. E. M. Moffatt, Esq., M.A., Principal, Christian School of Commerce, Lucknow.
3. W. R. Watt, Esq., M.A., B.Sc., D.I.C., F.G.S., of the British India Corporation, Ltd., Cawnpore (*to act as Convener*).

(5) MATHEMATICS AND FURTHER MATHEMATICS.

1. A. C. Banerji, Esq., M.Sc., I.E.S., Reader, Allahabad University, Allahabad.
2. Dr. Zia-ud-din Ahmad, M.A., C.I.E., Pro-Vice-Chancellor, Aligarh Muslim University, Aligarh.
3. R. H. Moody, Esq., M.A., Ofcig. Assistant Director of Public Instruction, United Provinces, Allahabad (*to act as Convener*).

(6) SANSKRIT, HINDI, AND BENGALI (INDIAN VERNACULARS)

1. Pandit Kashi Rama, M.A., Inspector of Sanskrit Pathshalas, United Provinces, Benares
2. Pandit Gopi Nath Kaviraj M.A., Librarian, Sanskrit Library, Benares.
3. Dr. P. K. Acharya, M.A., Ph.D., D. LITT., Professor, University of Allahabad, Allahabad (*to act as Convener*).

(7) ARABIC, PERSIAN, AND URDU (INDIAN VERNACULARS).

1. M. L. Zutshi, Esq., M.A., I.E.S., Principal, Government Jubilee Intermediate College, Lucknow.
2. Maulvi Mehdi Hussain Nasiri, M.A., Head Master, Government High School, Bara Banki.

- 3 Zamin Ali, Esq M.A Professor, Ewing Christian College Allahabad (*to act as Convener*)

(8) BIOLOGY

- 1 Dr K N Bahl, M.Sc D.Phil. D.Sc, Professor Lucknow University Lucknow
- 2 D R Bhattacharya Esq M.Sc. University of Allahabad Allahabad
- 3 Dr W S Dodgeon Ph.D Ewing Christian College, Allahabad (*to act as Convener*)

(9) DOMESTIC SCIENCE

- 1 Mrs Saralabai Naik M.A Head Mistress, Muslim Girls' School, Lucknow
- 2 Miss H G Stuart, M.A, Chief Inspectress of Girls' Schools United Provinces, Allahabad (*to act as Convener*)

(10) MANUAL TRAINING

- 1 A A Simpson Esq M.A, Principal, Training College, Allahabad.
- 2 G F Worthen Esq, Principal, Government Carpentry School, Allahabad (*to act as Convener*)

(11) CHEMISTRY

- 1 Dr N G Chatterji D.Sc Assistant Chemist Government Technological Institute, Cawnpore
- 2 K C Bhattacharya Esq M.Sc Professor Training College, Allahabad
- 3 Dr N. R. Dhar D.Sc Dean of the Faculty of Science, University of Allahabad, Allahabad (*to act as Convener*)

(12) LOGIC

- 1 H Mark Esq M.A Professor St John's College, Agra
- 2 Lala Diwan Chand, M.A Principal, D A-V College Cawnpore *
- 3 P S Butrell Esq, M.A Professor University of Allahabad Allahabad (*to act as Convener*).

(13) AGRICULTURAL BOTANY.

1. J. H. Mitter, Esq., M.A., Reader, University of Allahabad, Allahabad.
2. S. Higginbottom, Esq., Principal, Agricultural Institute, Naini, Allahabad.
3. Dr. W. S. Dudgeon, Ph.D., Professor, Ewing Christian College, Allahabad (*to act as Convener*).

(14) DRAWING.

1. Lala Wazir Sahai, Chief Engineer, Improvement Trust, Allahabad.
2. C. P. Verma, Esq., Assistant Teacher, Government Carpentry School, Allahabad.
3. G. F. Worthen, Esq., Principal, Government Carpentry School, Allahabad (*to act as Convener*).

(15) GREEK, LATIN, HEBREW, AND EUROPEAN MODERN LANGUAGES.

1. Dr. J. C. Weir, Barrister-at-Law, Principal, University School of Law, Allahabad.
2. W. E. Andrews, Esq., M.A., Head Master, Boys' High School, Allahabad.
3. Dr. C. A. R. Janvier, M.A., D.D., Principal, Ewing Christian College, Allahabad (*to act as Convener*).

(16) GEOGRAPHY.

1. H. Tinker, Esq., B.Sc., I.E.S., Principal, Training College, Agra.
2. W. E. Andrews, Esq., M.A., Head Master, Boys' High School, Allahabad.
3. Kaushal Kishore, Esq., B.A., L.T., Lecturer, Training College, Allahabad (*to act as Convener*).

(17) ECONOMICS.

1. Dr. L. K. Hyder, B.A., Ph.D., Professor, Aligarh Muslim University, Aligarh.
2. Mrs. Saralabai Naik, M.A., Head Mistress, Muslim Girls' School, Lucknow.
3. C. D. Thompson, Esq., M.A., Professor, Ewing Christian College, Allahabad (*to act as Convener*).

MISCELLANEOUS RULES (e.g., TRAVELLING ALLOWANCE RATES)

(Not yet framed and sanctioned.)

RULES FOR THE ADMISSION OF PRIVATE CANDIDATES TO THE BOARD'S EXAMINATIONS

1 Cases of Private Candidates below sixteen years of age should be carefully enquired into and considered before permission to appear is accorded.

2 Permission to appear privately will be given to candidates who appeared at a previous High School Examination and have failed or to whom permission to appear privately has been given by the Board on previous occasion.

3 Permission will not be granted to appear privately at the next ensuing High School or Intermediate Examination to candidates who have failed to obtain promotion into the highest class of any High School or Intermediate College (i.e. to those who have been detained in class IX or XI).

4 Only such Private Candidates as come under Regulation 17(c) Chapter XII shall ordinarily be allowed to take Science as one of the subjects for examination.

5 Candidates residing outside the present territorial jurisdiction of the Board may be permitted to appear at the Board's Examinations if they submit an adequate explanation as to why they prefer to take the United Provinces Board's Examinations.

6 Where an age limit or other restriction is imposed by the local University or Examining Authority such restriction shall be rigorously enforced before permission to appear privately at the Board's Examinations is granted to outside candidates.

7 Private Candidates who may be residents of the Central Provinces but who appeared at an examination in a previous year from an institution outside the Central Provinces under the Board or its predecessor should be treated

as *not* belonging to the Central Provinces, provided they appear at a centre outside the Central Provinces.

8. Cases of Private Candidates appearing simultaneously for the examinations conducted by the Board and those conducted by the Benares Hindu University and the Aligarh Muslim University should be considered jointly by the authorities governing the examinations for such action as they deem necessary.

**COURSES OF STUDIES
HIGH SCHOOL EXAMINATION OF 1925
A—COMPULSORY SUBJECTS.**

I—ENGLISH

Three papers will be set—(1) on the prescribed course in prose and poetry with questions on grammar idiom etc (2) on unseen passages with questions on grammar and idiom (3) passages in an Indian vernacular for translation into English and a simple narrative or descriptive composition in English. In the case of candidates who offer English as their mother tongue the third paper will consist of an essay to be written in English. There will be no oral test but there will be an examination in English dictation at each centre.

Books prescribed —

Group A —

- 1 The Royal Crown Indian Reader published by Messrs Thomas Nelson & Sons (the poems given at the end of this book are excepted)
- 2 Tales of Indian Chivalry (the following stories excepted) —
 - (i) Saved from the Flames } As in the edition of
 - (ii) 'The Bride of the } the book by Blackie Padishah } & Son Limited
- 3 The Star of India Poetry Book from which the following poems are prescribed —

Lochinvar The Assyrian Came Down The Slave's Dream , The Charge of the Light Brigade Incident of the French Camp Abou Ben Adhem A Farewell Home They Brought her Warrior Dead Now Maximus I Will be Worthy of It Forty Years Old

or

Group B —

- 1 Holme's Literary Readings (the following lessons excepted) —

No 7 Louis XI at a Boar hunt

- No. 12. Rural life in England.
 No. 15. A Siege in the Olden Times.
 No. 16. The Stage Coach.
 No. 18. Under Ivan the Terrible.
2. Children of the Motherland, by Mrs. Besant (the following chapters excepted) :—
 Part I { Chapter VIII—The founder of Sikhism.
 { Chapter X—Haridas.
3. School Favourites, from which the following poems are prescribed :—
 Lochinvar ; The Poet's Song ; The Honest Man ;
 The Plate of Gold ; The Deserted Village ;
 To a Waterfowl ; To the Cuckoo (Wordsworth) ;
 The Daffodils (Wordsworth) ; Alexander Selkirk ;
 A Psalm of Life ; Ring out Wild Bells ;
 The Spacious Firmament.
- Group C.—*
1. Longmans' Matriculation Selections, from which only the following are prescribed :—
 The Gorgon's Head ; The Miraculous Pitcher ;
 The Pigmies ; The Derwish's Story ; History
 of the Poet Askar : The Adventures of Three
 Shipwrecked Boys on a Coral Island of the
 South Seas ; A Lesson of Faith ; The Law
 of Authority, and Obedience ; Red Snow ;
 An Adventurous Journey ; Early Rising ;
 Reading ; Rural Life in England ; From
 the Story of Aladdin or the Wonderful
 Lamp ;
 (1) The African Magician.
 (2) The Cave of the Lamp.
 (3) The Genie of the Lamp.
 (4) Aladdin's Marriage.
2. A Book of Golden Deeds, by Yonge, from which only the following stories are prescribed :—
 How one Man has saved a Host.
 The Pass of Thermopylae.

The Two Friends of Syracuse
 The Last Fight in the Coliseum
 Faithful till Death
 Children of Blentaran Ghyll
 Casal Noo
 The Mad Dog
 Monthyon Prizes
 Discipline

3 Indian School Book of Verse from which the following poems are prescribed —

King Bruce's The Slave's Dream The Lotus Pool The Plate of Gold The Honest Man The Toys Incident of the French Camp The Old Order Changeth I prosp' My Heart Leaps Up The Tiger

A B — The above ten books are arranged in three alternate groups A B and C and each school is at liberty to make its own selections taking any one of the Groups or choosing from the different Groups provided the choice includes one book of Poets Selections book of inspirational Stories and one book of Poetry.

Books recommended for rapid reading and indicating the standard of the unseen passages to be set in the second paper —

In England by S G Dain Macmillan & Co 1/- annas
 Scott's Ivanhoe (abridged) by P Wren Oxford University Press Hornby Road Bombay Re 1

Stories from the Arabian Nights (Senior Series) Longmans Green & Co 8d

English Readings by E S Oakley Principal Ramsay College Almora Re 1/-

Longmans English Reading Books for Indian Students Books 1 and 2 Longmans, Green & Co Re 1 and Re 1/-

Tanglewood Tales by N Hawthorne Longmans Green & Co 1/- Man and his Markets by L W Lyle Macmillan & Co

Hawthorne's Tanglewood Tales Parts 1 and 2 Edited by J H Fowler Macmillan & Co 1/- each

A Naturalist on the Amazons, by H. W. Bates. Abridged and edited by F. A. Brnton. *Macmillan & Co.* 2s. 6d.

A Persian Hero. Edited by W. Grandy. *Macmillan & Co.* 1s.

Poetical Selections with Notes by P. C. Wren. *K. E. J. Cooper, Educational Publishers, Bombay.* 10 annas.

The Indian Treasury of English Verse. Edited with Introduction and Notes by S. G. Dunn. *Oxford University Press, Hornby Road, Bombay.*

The Cloister and the Hearth, by Charles Reade. Abridged and simplified by S. G. Dunn. *Oxford University Press, Hornby Road, Bombay.* Re. 1.

Pioneers of Progress, by H. Hayens. *Collins Clear Type Press, London.*

The Story of Francis Drake, by H. R. Ford. *Herbert Strang's Readers, Grade IV.* *Oxford University Press, Bombay.*

Our Great Adventure, by H. Strang. *Herbert Strang's Readers, Grade III.*

Cerdic the Saxon, by H. Strang & L. L. Weedon. *Herbert Strang's Readers, Grade III.*

Oxford University Press, Bombay.

6d.
6d.

Prose Text for Junior Forms—2 volumes.

Robinson Crusoe, by D. Defoe, edited by C. L. Thomson. *Horace Marshall & Son, London.* 9d.

Rip Van Winkle, by Washington Irving. Edited by C. L. Thomson. *Horace Marshall & Son, London.* 9d.

Suhrab and Rustum, by J. C. Nesfield. *Eastern Fables and Folk Tales, Grade IV.* *Macmillan & Co.* 3½ annas.

Some Adventures of Hatim Tai, by J. C. Nesfield. *Eastern Fables and Folk Tales, Grade V.* *Macmillan & Co.* 4 annas.

Easier English Unseen, by Prof A C Mukerji M.A.
Published by Macmillan & Co, Ltd, Calcutta

Brave Deeds done in the Great War, re-told by A C Clayton. Published by the Christian Literature Society, Madras 3 annas.

Threads in the Web of Life, by M R Thomson, F A J Thomson Macmillan & Co 1s 6d

Threads in the Web of Life, by M R Thomson, E A J. Thomson Macmillan & Co 12 annas

No 43—The Heroes or Greek Fairy Tales by C Kingsley Children's Classics Intermediate II Macmillan & Co. 3½d

No 44—The Little Duke, by C M Yonge Children's Classics Intermediate II Macmillan & Co 3½d

No 53—Drake and Raleigh Children's Classics Senior Macmillan & Co 4d.

No 54—Story of Little Nell, by C Dickens Children's Classics Senior Macmillan & Co 4d

Arabian Nights Entertainments (illustrated) Collin's Clear Type Press London 6d

Arnold's Junior Story Readers—2 volumes

No 19—Robinson Crusoe, Edward Arnold London. 2d

No 23—The Tempest, Edward Arnold London 2d
Longmans' Class Books of English Literature The King of the Golden River, by John Ruskin (New edition) Longmans, Green & Co, Bombay 6d

Bereward the Wake, by C Kingsley Abridged and simplified by H Martin Oxford University Press Bombay Re 1

The Prisoner of Zenda by Anthony Hope Abridged and simplified by E V Rieu Oxford University Press Bombay

The "A L" Bright Story Readers—No 201—The Coral Island, by R M Ballantyne E J Arnold & Son, Leeds 4d

The Wonderful Voyages of Gulliver. Re-told by Mrs. E. L. Elias. *George G. Harrap & Co., London.* 5 annas.

Hereward the Wake—Re-told for Boys and Girls (Historical Romances Series), by A. F. Jackson. *T. C. & E. C. Jack, London.* 9d.

Stories of Robin Hood—Told to the Children, by H. E. Marshall, with Pictures by A. S. Forest. *T. C. & E. C. Jack, London.* 15 annas.

For Classes IX and X.

The "A. L." Bright Story Reader. Grade S. No. 73. The Tower of London, by W. H. Ainsworth. Abridged by W. H. Webster. *E. J. Arnold & Son, Leeds.* 7d.

For Class IX.

The "A. L." Bright Story Readers, Grade 1—No. 136—Caliph for a Day (Arabian Nights Entertainments), newly told by J. B. Marshall. *E. J. Arnold & Son, Leeds.* 5d.

For Class X.

Last of the Barons—Re-told for Boys and Girls (Historical Romances Series), by C. E. Smith. *T. C. & E. C. Jack, London.* 9d.

Forest Days—Re-told for Boys and Girls (Historical Romances Series), by A. F. Jackson. *T. C. & E. C. Jack, London.* 9d.

Crecy and Poictiers—Re-told for Children (Historical Romances Series), by A. F. Jackson. *T. C. & E. C. Jack, London.* 9d.

Ivanhoe—Re-told for Children (Historical Romances Series), by A. F. Jackson. *T. C. & E. C. Jack, London.* 9d.

Stories from Tagore. *Macmillan & Co.* Re. 1.

II.—MATHEMATICS.

There will be two papers, each of two hours and a half—one in Arithmetic and Algebra and the other in Geometry and Mensuration.

(a) SYLLABUS.

1. *Arithmetic.*—Notation and numeration. The four simple rules. The four compound rules in British and

Indian money and in Indian weights and measures in common use in the United Provinces British and Metric systems of measuring length area volumes capacity and weight Factors Prime numbers G C M or H C F by factors L C M Vulgar fractions Vulgar fractions of concrete quantities Practice Decimal fractions (excluding the theory of recurring decimals) Decimal fractions of concrete quantities Square root Ratio Simple and compound proportion Proportional parts Average Decimal approximations (including approximate value of recurring decimals) Contracted methods in the four rules in decimals Percentages Profit and loss Simple and compound interest Present worth and true discount Problems (the use of algebraical equations is allowed in solving problems)

2 Algebra —The four simple rules Fractions Greatest common measure Least common multiple Factors Proportions Simple equations of one or more unknown quantities with easy problems Square root Quadratic equations of one unknown quantity with easy problems Graphs of statistics Graphs of straight lines Graphical solution of linear simultaneous equations Simple graphical problems

N.B.—Candidates will be provided with squared paper if necessary

3 Geometry —The course includes both practical and theoretical Geometry and every candidate will be expected to answer questions in both branches of the subject The questions on Practical Geometry will be set on the constructions contained in the annexed schedule A together with easy extensions of them All figures should be drawn accurately for which purpose every candidate should provide himself with a graduated scale, a pair of set squares, a protractor a compass and a hard pencil The questions on theoretical Geometry will consist of theorems contained in the annexed schedule B, together with easy extensions and deductions with numerical illustrations Any proof of

a proposition will be accepted which appears to the examiners to form part of a systematic treatment of the subject; the order in which the theorems are stated in schedule B is not imposed as the sequence of their treatment. In the proof of the theorems hypothetical constructions will be permitted.

N.B.—Candidates will be provided with squared paper, if necessary.

SCHEDULE A.

Bisection of angles and of straight lines.

Construction of perpendiculars to straight lines.

Construction of an angle equal to a given angle.

Construction of parallels to a given straight line.

Simple cases of the construction from sufficient data of triangles and quadrilaterals.

Division of straight lines into a given number of equal parts.

Construction of a triangle equal in area to a given polygon.

Construction of tangents to a circle and of common tangents to two circles.

Simple cases of the construction of circles from sufficient data.

Construction of rectangle equal to a given polygon.

Construction of a rectangle on a given base equal in area to given rectangle.

Construction of a square equal to a given rectangle.

Construction of a rectangle of given area the sum or difference of whose sides is given. (These constructions should be based on the propositions on the Geometry of the circle.)

Construction of a fourth proportional to three given straight lines and a mean proportional to two given straight lines.

Construction of regular figures of 3, 4, 6 or 8 sides in or about a given circle.

SCHEDULE B

Angles at a point

If a straight line stands on another straight line the sum of the two angles so formed is equal to two right angles and the converse

If two straight lines intersect the vertically opposite angles are equal

Parallel straight lines

When a straight line cuts two other straight lines if—

- (i) a pair of alternate angles are equal or
- (ii) a pair of corresponding angles are equal or
- (iii) a pair of interior angles on the same side of the cutting line are together equal to two right angles then the two straight lines are parallel, and the converse

Straight lines which are parallel to the same straight line are parallel to one another

Triangles and rectilineal figures

The sum of the angles of a triangle is equal to two right angles if the sides of a convex polygon are produced in order the sum of the angles so formed is equal to four right angles

If two triangles have two sides of the one equal to two sides of the other each to each and also the angles contained by these sides equal the triangles are congruent

If two triangles have two angles of the one equal to two angles of the other each to each and also one side of the one equal to the corresponding side of the other the triangles are congruent

If two sides of a triangle are equal the angles opposite to these sides are equal and the converse.

If two triangles have the three sides of the one equal to the three sides of the other each to each the triangles are congruent.

The angle in a semi-circle is a right angle, the angle in a segment greater than a semi-circle is less than a right angle, and the angle in a segment less than a semi-circle is greater than a right angle.

The opposite angles of any quadrilateral inscribed in a circle are supplementary ; and the converse.

If a straight line touch a circle and from the point of contact a chord be drawn, the angles which this chord makes with the tangent are equal to the angles in the alternate segments.

If two chords of a circle intersect either inside or outside the circle, the rectangle contained by the parts of the one is equal to the rectangle contained by the parts of the other.

4. Mensuration.—Areas of rectangle, circle, triangle and (after measurement) of any rectilineal figure. Length of the circumference of a circle.

The following books are suggested :—

For Algebra—

ROSS: Elementary Algebra, Part I, *Longmans, Green & Co.*

BAKER and BOURNE: Elementary Algebra, Part I. *G. Bell & Sons.*

H. S. HALL: School Algebra, *Messrs. Macmillan & Co.*

In Geometry—

HALL and STEVENS: A School Geometry, Parts I—IV. *Messrs. Macmillan & Co.*

III.—HISTORY AND GEOGRAPHY.

There will be two papers, each of three hours—one in History, and the other in Geography.

History.

Syllabus.—Outlines of Indian History from the earliest time to the present day and Outlines of English History from 1485.

The following books indicate the scope and standard of knowledge required —

Indian History

*V A Smith — Oxford Student's History of India
Oxford University Press Calcutta*

Thompson — History of India (Christian Literature Society, Madras)

Har Prasad Shastri History of India (Blackie)

Hoernle and Stark A History of India (Orissa Mission Press, Cuttack)

Students' Atlas of Indian History (Macmillan)

English History

J S Lay The English People (Macmillan)

Oman Junior History of England (Arnold)

Geography

A — SYLLABUS

Geography — Physical Shape of the earth, rotation and revolution, the seasons, the solar system latitude and longitude, time problems, surface of the earth zones, volcanoes, earthquakes, climate, rainfall the monsoons, rivers and their work, winds tides and currents

Geography of the world in outline

Geography of the Indian Empire

(b) Books recommended for use are—

A Junior Geography of India Burma and Ceylon by C Morrison T Nelson & Sons London 12 annas

A New Geography of the Indian Empire and Ceylon, by C Morrison T Nelson & Sons London 2nd edition Re 1

A Junior Course of Comparative Geography in one volume and in Parts 1 to 6 separately, P H L Estrange George Phillip & Son 32 Fleet Street, London, E C New edition 1d for each part, and 3s 6d for the whole or the complete volume

The angle in a semi-circle is a right angle, the angle in a segment greater than a semi-circle is less than a right angle, and the angle in a segment less than a semi-circle is greater than a right angle.

The opposite angles of any quadrilateral inscribed in a circle are supplementary ; and the converse.

If a straight line touch a circle and from the point of contact a chord be drawn, the angles which this chord makes with the tangent are equal to the angles in the alternate segments.

If two chords of a circle intersect either inside or outside the circle, the rectangle contained by the parts of the one is equal to the rectangle contained by the parts of the other.

4. Mensuration.—Areas of rectangle, circle, triangle and (after measurement) of any rectilineal figure. Length of the circumference of a circle.

The following books are suggested :—

For Algebra—

ROSS: Elementary Algebra, Part I, *Longmans, Green & Co.*

BAKER and BOURNE: Elementary Algebra, Part I. *G. Bell & Sons.*

H. S. HALL: School Algebra, *Messrs. Macmillan & Co.*

In Geometry—

HALL and STEVENS: A School Geometry, Parts I—IV. *Messrs. Macmillan & Co.*

III.—HISTORY AND GEOGRAPHY.

There will be two papers, each of three hours—one in History, and the other in Geography.

History.

Syllabus.—Outlines of Indian History from the earliest time to the present day and Outlines of English History from 1485.

The following books indicate the scope and standard of knowledge required —

Indian History

V. A. Smith.—*Oxford Student's History of India*
Oxford University Press, Calcutta

Thompson.—*History of India* (Christian Literature Society, Madras)

Har Prasad Shastri. *History of India* (Blackie)

Hoernle and Stark. *A History of India* (Orissa Mission Press, Cuttack)

Students' *Atlas of Indian History* (Macmillan).

English History.

J. S. Lay. *The English People* (Macmillan)

Oman. *Junior History of England* (Arnold)

Geography.

A — SYLLABUS

Geography — Physical Shape of the earth, rotation and revolution, the seasons, the solar system, latitude and longitude, time problems, surface of the earth zones, volcanoes, earthquakes, climate, rainfall the monsoons, rivers and their work, winds, tides and currents

Geography of the world in outline

Geography of the Indian Empire

(b) Books recommended for use are—

A Junior Geography of India, Burma and Ceylon, by C. Morrison. *T. Nelson & Sons London* 12 annas

A New Geography of the Indian Empire and Ceylon, by C. Morrison. *T. Nelson & Sons, London* 2nd edition. Re 1.

A Junior Course of Comparative Geography, in one volume and in Parts 1 to 6 separately, P. H. L'Estrange. *George Phillip & Son, 32, Fleet Street, London, E.C.* New edition. Id for each part, and 3s. Gd. for the whole or the complete volume

Longmans' Geographical Series for India, Book I. The World in Outline with Fuller Treatment of India. *Longmans, Green & Co.* 10 annas.

A Geography of India, by G. Patterson. *The Christian Literature Society for India, London, W. C.* Re. 1.

Murdoch's (J.) Manual of Geography, revised and enlarged, by G. Patterson. *The Christian Literature Society for India, London, W. C.* Re. 1.

Earth Knowledge, volume 3. *McDougall's Educational Company, London.*

The World in Outline, by Mackenzie and Tydeman. *Indian Press, Allahabad.* Re. 1.

Geography for Senior Classes, by E. Marsden. *Macmillan & Co., Bombay.* Rs. 2-8-0.

Macmillan's Geographical Exercise Book, India, with questions, by B. C. Wallis. 8d. W. and A. K. Johnston's Geographical Exercise Book for Indian Students with questions, by B. C. Wallis 4 annas.

Map Studies for Schools, India, by J. E. Perkinson. *K. E. J. Cooper, Bombay.* 10 annas.

*Books recommended for the use of teachers:—

Longmans' Geographical Series for India, Book II—The World, with fuller treatment of India. New edition, revised and enlarged (1911). *Longmans, Green & Co.* Re. 1-8-0.

McDongall's Short Commercial Geography of the British Empire. *McDougall's Educational Co., London.* 6d.

IV.—VERNACULAR (HINDI, URDU, BENGALI, ETC.).

There will be two papers each of two hours: one paper will be set in Prose and Unseen, and the other in Poetry and Composition. Grammatical questions will be set in

* In connection with the books recommended for the use of teachers in this Prospectus it should be noted that there are in addition a number of books approved for the use of teachers generally (vide list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools, dated the 31st July, 1916, and its supplements issued annually by the Department of Public Instruction, United Provinces).

both the papers. The ability of the Urdu candidates to read *Shikast* will be tested by means of a paper set for the purpose.

The following are the text books prescribed —

Hindi

1 Ram Charita Manasa, abridged, by Shyam Sunder Das

2 Abhigyan Shakuntala, Natai, by Raja Lakshman Sinha (in prose and verse)

3 Sankshipt Hindi Vyakarna compiled by Pandit Kamta Prasad and published by Nagri Pracharini Sabha Benares, or Hindi Grammar by Pandit Madho Prasad Pathak

Urdu

1 Guldasata-i-Adab, by P. Manohar Lal Zutshi (Indian Press, Allahabad)

Tuzuk-i-Urdu, by Mohammad Ismail (Nowai Kishore Press)

2 Sarmaya-i-Urdu by M. Ahmad Ashraf Retired Head Maulvi, Government High School Allahabad

3 Qawaaid Urdu for High Schools by Maulvi Jamal Uddin Haider.

For *Shikast*, the book recommended is —

Inshai Jadid (Majmuat-i-Haqiqat-i-Karrawai) Part II by M. Asmat Ullab 2nd Maulvi Government High School Meerut Lala Kedar Nath, Publisher, Meerut 5 annas.

Bengali

Sitar Vana-basa by Pandit Ishwar Chandra Vidyasagar (Pros.)

Meghnanda-Bodhi by N. Mulbusudan Datta I and II Cantos (Poetry)

Mahabharatiya Nit-katha in Bengali Parts I and II, by Rajendra Nath Kanji Lal, 3 Madan Mitra Lane, Calcutta Rajendra Chandra Ghosh, 33, Cornwallis Street Calcutta 12 annas each.

Bengali Vyakarana, by Kali Prasanna Vidyaratna (Vyakarana). *Guru Das Library*, 201, Cornwallis Street, Calcutta. 8 annas.

Parbat.

Mahabharata (Gadiparva, Striparva, Sauptikaparva),—Prabhakari Company, Benares.

Sankshipta Ramayan, published by the Superintendent Education department, Nepal.

Nepali Grammar, by Pts. Parasmani Pradhan and Sheshmani Pradhan, Kalimpong.

Marathi.

Prose—*Gadyaratnamala*, by S. G. Bapat.

Poetry—(1) Moropant's Kēkāvali, by Professor Sridhar Vishnu Paranjpay, published in the Nirnay Sagar Press, Bombay, and

(2) Raghunath Pandit's Naladaṇayantisvayambarakhyāna, only 224 verses, as published in the Navanit by the late Mr. Parasharampant Godbole.

Grammar—R. B. Joshi's *Marathi Grammar*—Praudbabodha.

Recommended for the use of teachers—*Marathi Grammar*, by M. K. Damle. (Published by the Induprakash, Bombay.)

Gujrati.

Karanghelo, by Nand Shankar.

Kareya-Dehan, about 150 pages of the portion containing Nalakhyan.

Grammar—Taylor's *Gujrati Grammar*.

Uriya.

Prabandhamālā by M. S. Rao, pages 1 to 115.

Jagannathdas—*Bhagabata*, XI Skandha.

Telugu.

Prose—*Nitichendica Sandhi*, by K. Veersalingam.

Poetry—*Phaskareeta Kamu*. The whole.

Tamil.

Tamil Text book (for Group C) published by order of the D. P. I., Madras, by S. P. C. K. Press, Veppery, Madras.

B—OPTIONAL SUBJECTS.

1.—CLASSICAL LANGUAGES.

There will be two papers each of three hours, the first paper will be in the prescribed texts and grammar, and the second paper in Translation Composition and Unseen.

SYLLABUS.

(a) Sanskrit

Paper I (a) Text books (1) Mitra-labhi (Hitopadesha) and (ii) Bhartrihari—Nitishatka

Note—The students should be taught to understand the passages with context and the substance and to learn the paraphrase, i.e. the synonymy of the words in Sanskrit, analysis of the compounds, Sandhis, and the prose order of the poetry pieces.

(b) Grammar.—Simple Sandhis Declension of nouns and pronouns of frequent occurrence conjugation of verbs of frequent occurrence but omitting those of adhadi (अधादि) rudhadi (रुद्यादि) juhotyadi (जुहोत्यादि) and kryadi (क्र्यादि) classes, in नद्, लोद्, लद्, विधिनिः and लद् only.

Books recommended in grammar—

1. First Book of Sanskrit by Bhushanlalkar
2. R. K. Banerjee's Sanskrit grammar
3. Sanskrit Prathmis Puraska (संस्कृत प्रथम पुस्तक) by Professor Ram Bihari Lal, D. A.-V College, Calcutta
4. Uppakramnikha (उपक्रमनिखा) printed by Khadgavilas Press, Singapore.

A.B—Questions on Grammar are usually asked from the prescribed books as far as possible, and should carry about one third of the total marks.

Paper II.—Unseen and Translation:—

(a) Selected passages from books recommended for rapid reading and from others of equal difficulty for translation into the vernacular of the candidate; (b) substance of easy passages from the abovementioned books to be expressed in English; and (c) translation of easy English prose sentences into Sanskrit.

Book recommended for rapid reading—

Kusuma mala (part I) by V. S. Apte.

Book recommended for composition—

Sanskrit Teacher by K. P. Trivedi.

N.B.—Sanskrit must be written in the Devanagari character.

(b) Arabic.

Prescribed course—

Majnūl Adab, by Louis Cheikho, Vol. I, pages 7—23 and 41—152. Published by Imprimerie Catholique, Beyrouth, Syria, sold by the Book Dépôt at Aligarh: or Sal-lum-ul-Adab (published by Rai Saheb Munshi Gulab Singh, Mufid-i-A'm Press, Lahore) Grammar—Mabadiul-Arabia عربی مبادیٰ عردو, edited by Maulvi Izzat Ullah (the Majidi Press, Cawnpore).

NOTE.—Arabic words must be written in the Arabic character.

* Book recommended for the use of teachers—

Anglo-Arabic Stories, by Maulvi Abdul Bashir Muhammad Osman Ghani, A. S. Ahmad-ur-Rahman, 41, Kalta Bazar, Dacca. 10 annas.

(c) Persian.

Prescribed course—

(1) Text—

Prose.—Gulistan, سعدی ج دل and دیوانِ سعدی (excluding from

یعنیہ ذکر من در جمیع المذاقید to من عمان انکار کی قسمیں)

* In connection with the books recommended for the use of teachers in this Prospectus, it should be noted that there are in addition a number of books approved for the use of teachers generally (vide list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools, dated the 31st July, 1916, and its supplements issued annually).

enable them to explain all Arabic words and phrases which may occur in the text books and in the books recommended for rapid reading in Persian.

Note.—Persian words must be written in the Persian character.

(d) Latin.

Two papers will be set as follows :—

Paper I.—Prescribed prose and poetry.

Text books.

Prose.—Caesar de Bello Gallico, Books 1 and 2.

Poetry.—Virgil, Aeneid, Books 2 and 3.

Paper II.—Grammar, Composition, and unseen.

Grammar recommended.—Gildersleeve's Latin Grammar.

Paper I shall contain passages from the prescribed books together with questions relating to subject matter and language.

Paper II shall include (a) questions on grammar, (b) sentences for translation into Latin, (c) an easy continuous passage for translation into Latin, and (d) an unseen passage for translation into English.

II.—COMMERCE.

The examination will consist of two papers :—(a) one paper on Business, or Commercial Practice and (b) one paper on either (i) typewriting or (ii) book-keeping.

Notes.—(1) In type-writing theory paper of 1½ hours' duration.

(2) Book-keeping paper of two and a half hours' duration.

The following is the Syllabus in each subject :—

Business or Commercial practice.—Office routine—Drafting simple business and official letters, preparation of telegrams and cablegrams, including a knowledge of simple codes. Docketing, filing, copying and despatch of letters. Ordinary postal regulations, use of postal forms, such as Money Order, V. P. P. Acknowledgment, Registration, and Insurance forms. Post Office Savings Bank Accounts. Telephone. Simple duplicating and other labour-saving appliances.

Meaning of ordinary commercial terms and abbreviations Preparation of simple commercial documents such as Indents, invoices, bills of exchange, promissory notes, statements of account. Nature and use of Bills of Lading and railway receipts. Simple banking transactions involving the nature and use of cheques, deposit slips and pass books.

Time allowed—2½ hours

Typewriting—There will be no practical examination on the typewriter but only a theory paper involving questions on—

- (a) the mechanical construction of the typewriter
- (b) care of the machine
- (c) display of matter in leading headings and titles, centering contractions and abbreviations, hyphenation, punctuation, special cutting, adaptation of one or more characters to represent characters not given on the keyboard, corrections, measures.

Time allowed—1½ hours

There will also be a second paper consisting of type copying of three manuscripts.

Time allowed—1 hour

Book keeping—Elementary theory of double entry book-keeping. Preparation and keeping of the Cash Book, Bought and Sold Books, Returns Book, Bills Receivable and Bills Payable Book. Journal and Ledger recording therein simple transactions involving purchases and sales, bills receivable and payable, real personal and nominal accounts such as rent, salaries, interest, dividends, bid debts, trade debts, etc. Drawing up the Trial Balance, Closing the Ledger, and preparing Trading and Profit and Loss accounts, and balance sheet. Simple banking transactions involving the nature and use of cheques. Deposit

value. Practical work should be co-ordinated with the theoretical work and follow it consecutively as far as possible. The practical experiments should be performed individually so far as can be arranged.

The use of stencils in answering question papers in science is not allowed.

Four years' course in Science

N.B.—Experiments marked by an asterisk in the syllabus for classes VII and VIII may be done in class IX if classes VII and VIII are large. Facilities for practical work limited or the time-table in Science restricted to only 3 periods of 1 hour each per week.

FIRST YEAR

(Class VII)

Subject	Detailed syllabus	List of experiments which should be done by the pupils
Length	Units in British system and Metric system. Calculation. Measurement of straight lines. Measurement of curved lines. Rules for the length of the circumference of a circle.	1. Find the number of cm in 1 m. h. 2. * Measure the circumference and diameter of a circle and so find the value of π . 3. By squared paper prove the formula for the area of a rectangle.
Area	Unit in British system and Metric system. Rule for area of a rectangle. Calculations. Use of squared paper to find the area of figures other than rectangles. Formula for the area of a triangle.	4. * By squared paper find the areas of a triangle and irregular figure.
Volume	Units in British and Metric system. Rule for the volume of a rectangular solid. Calculations. The graduated cylinder.	5. Use of graduated cylinder to find the volume of large solids and the capacity of large vessels.
Weight	The balance. Distinction between mass and weight. Units in British system and Metric system. The balance.	6. Use of burettes to find the volumes of small solids and the capacities of small bottles. 7. Simple exercises in weighing e.g. find the number of gm in 1 ounce.

Subject.	Detailed syllabus	List of experiments which should be done by the pupil
Density ...	Definition ...	8. Find the density of solids, being given rectangular pieces.
	Calculation ...	9. * Find the density of common liquids by means of burette.
Heat ..	Expansion of solids, liquids, and gases by heat Construction of a thermometer. Explanation of Centigrade thermometer	10. Simple observations with the thermometer, e.g., find the boiling points of water and alcohol.

SECOND YEAR.

(Class VIII.)

Subject.	Detailed syllabus.	List of experiments which should be done by the pupils.
Heat ..	Comparison of Centigrade and * Fahrenheit thermometers. Calculations.	1. Observation with thermometer, e.g., cooling curve for water
Area ..	Formula for the area of a circle Calculations.	2. By means of squared paper or by weighing find the ratio of the area of a circle to the area of the square on its radius
Volume ..	* Formulae for the volumes of sphere and cylinder. * Calculations	3. * By weighing "similar" cubes, spheres, and cylinders verify the formulae for the volumes of cylinder and sphere (The experiment may also be done, but less accurately by the displacement of water)
Heat ..	Melting point of ice Melting point of any solid Conduction of heat. Comparison of the conducting powers of common solids. Convection of heat Radiation of heat	4. Find the melting point of paraffin, wax, or napthalene
Hydrostatics	Relative density (or specific gravity). Principle of Archimedes. Determination of relative density by Archimedes' Principle Calculations.	Determination by Archimedes' Principle of the relative density of— 5. (a) bodies which float in water. 6. (b) bodies which sink in water.

Subject	Detailed syllabus	List of experiments which should be done by the pupils
Chemistry ..	Definitions and common properties	Measurement of relative hardness of different substances
	Solubility. Influence of temperature on solubility	To find out whether certain substances are soluble in water e.g., lime salt, marble in alcohol e.g., wax, salt
	Crystallization. Water of crystallization	From solution From molten sulphur
	Mechanical mixtures	Filtration, separation of sand and salt Separation of iron and sulphur (magnet) Charcoal and nitre by solution and filtration
	Chemical compounds by physical and chemical changes	Heating salt sugar sand etc charcoal and nitre Iron and sulphur Iron in solution of copper sulphate

THIRD AND FOURTH YEARS.

(Classes IX and X)

Classes IX and X will have six periods of Science per week—for at least 27 working weeks, this gives a total of 162 periods in class IX.

Subject	Detailed syllabus	Minimum list of experiments which should be done by the pupils individually
Heat . .	Unit of heat Quantity of heat Calculations Specific heat Latent heat Latent heat of vaporization	1 Determination of specific heat of solids 2 Latent heat of fusion of ice Latent heat of vaporization of water

Subject.	Detailed syllabus.	Minimum list of experiments which should be done by the pupils individually.
Chemistry	Effect of dissolved substances on boiling point.	To find B.P. of solutions of calcium chloride. Solution of differing strengths.
	Distillation. Purification of water.	To find tube, bore corks, set up apparatus for distillation and find B. P. before and after distillation.
	Elements and compounds	To examine the elements sulphur, copper, lead, Mercury, zinc. To examine the compounds, ferrous sulphate, copper sulphate, lead oxide; mercury oxide and regain the elements.
	Metals and non-metals, properties:-	
	The atmosphere. Combustion, active and inactive air.	Burning a candle in a bell jar. Repeat with sulphur, phosphorus. To measure the proportion of air used up when a substance burns in air.
	Rusting	To show iron will not rust in dry air. To measure the air used up when iron rusts in air.
	Increase in mass in rusting and burning.	To show increase in mass when magnesium and iron burn in air and when iron rusts in air—when a candle burns in air.
	Explanation of above. Introduction of terms "Oxygen" and "Nitrogen":—	
	Oxygen ..	Preparation from mercuric oxide and potassium chlorate in small quantities and on large scale from manganese dioxide and potassium chlorate, its properties.
	Metal's and non-metals. Their basic and acidic properties.	To show loss in mass when potassium chlorate is heated.

Subject	Detailed syllabus	Minimum list of experiments which should be done by the Pupils individually
	Nitrogen: Its use in the atmosphere	Properties to find accurately percentage of nitrogen in air by pyrogallic acid [Lecture room.]
	Water not an element ..	Action of sodium on water Action of magnesium on boiling water Action of strontium on iron Examination of oxide of iron formed Increase in mass Comparison with iron rust
	Résumé of above Introduction of term "Hydrogen"	
	Preparation of Hydrogen and its properties	Formation of zinc sulphide What happens to the zinc? What happens when hydrogen burns in air? Preparation of hydrogen with air
		Electrolysis of water and its composition by volume Action of hydrogen on copper oxide when heated [Lecture room.]
	Carbon	Properties and varieties
	Demonstration lesson Carbonic acid gas Chalk	Formation when carbon or carbonaceous matter burns in air Effects of acids on chalk Examination of the gas properties of gas obtained by heating strongly heating chalk Examination of the difference between properties of chalk and lime loss in mass on heating chalk
	Résumé of above Animal and plant life	Formation of oxygen by plants

(b) Books recommended for use in Chemistry—

Chemistry for Indian Schools for Standards IX and X,
by E G Hill Professor of Chemistry, Mair Central College
Allahabad *Indian Press Allahabad* Re 1

Physics and Chemistry for Secondary Schools in India,
Parts III and IV in one volume by E G Hill and A H
MacKenzie *Macmillan & Co* 1918 Re. 1 8-0

* Books recommended for the use of teachers—

Practical Chemistry volumes 1 and 2
for Standard VII of High Schools in the *Oxford University Press Bom
Bombay Presidency* by H E H Pratt *bay*
6 annas

The following books in Physics are recommended for
teachers' reference library —

A Class book of Physics by R A Gregory and H E
Hadley *Macmillan & Co* Lessons in Science by R A
Gregory and A T Simmons *Macmillan & Co* Re 1-8-0

A Course of Physics by C H Draper
Popular and Natural Philosophy by Ganot

IV—AGRICULTURE (AGRICULTURAL BOTANY)

The examination will consist of two papers of three hours each and a practical test. The first paper will be on the subject matter in the syllabus up to and including sub-section 5—*Soil*, and the second paper on the remaining portion.

1 TYPICAL PLANT MUSTARD or BEAN Students should be supplied with entire plants dug up and the roots freed from soil by washing

A—The root arrangement of branches origin of
rootlets root hairs root cap, the woody centre
as seen in cross-sections.

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B.—*The shoot*: cylindrical stem; nodes and internodes; apex and bud; appendages of two kinds; origin of appendages, woody centre as shown in the cross-section.

C.—*The flower*: the parts: successive appearance in the inflorescence.

D.—*The fruit*: development from the pistil; ripening accompanied by withering of the plant.

2. THE SEED: BEAN—

A.—Position in, and attachment to, the walls of the fruits.

B.—Parts of the seed dissected out.

C.—Comparison with the seed of the gourd.

3. THE SEED and GERMINATION—

A.—*Conditions necessary for germination*—

(1) Water—Absorption; by dead and live seeds; absorption from water, moist earth, damp air: amount of absorption; method of absorption.

(2) Air and oxygen—necessity of air; method of entry into embryo.

(3) Heat—comparison of germination at different seasons.

(4) Light—not necessary for germination.

B.—*Respiration of germinating seeds*: absorption of oxygen; evolution of carbon dioxide; loss of weight.

C.—*Heat produced by germination*.

D.—*Food material stored in the seed*: starch; sugar; gluten; oil; digestion of these and the absorption by the embryo; sufficiency of these for the support of the embryo during germination only.

E.—*Emergence of the seedling*: difference in behaviour of the cotyledons.

4 Roots and their work —

A — Tap and the true root—adventitious roots, cuttings and layers

B — Direction of growth—tap secondary and tertiary roots; influence of moisture

C — Functions of the root —

- (1) Absorption of water root pressure
- (2) Absorption of soluble matter from the soil
- (3) Fixation of the plant

5 Soil — What is soil? Different kinds of soil recognition of different kinds of soils in the field and from samples in the class-room formation of soils weathering, local and transported soils To illustrate the transportation of soils the pupils should be made familiar with the formation of the soils of the Gangetic plain) Effect of tillage

6 Water in soil. Capillary movement of water in soils conservation of moisture loss by evaporation behaviour of different soils in relation to water relations of the ordinary operations of cultivation to the conservation of moisture effect of tillage upon the conservation of moisture and on the supply of plant food other methods to be followed for the conservation of moisture in soils wells, percolation and spring the principles underlying their construction different water requirements of the various crops local methods of irrigation, downward movement of water drainage

7 Rainfall. — Rainfall of the United Provinces its distribution as affecting the system of cropping

8 Leaves and their work —

A — Structure of the leaf—

- (1) Parts of the leaf
- (2) Shapes simple and compound
- (3) Veins connected through mid rib and petiole with the wood of the stem.

B.—Function of the leaf—

- (1) Formation of starch in presence of light.
- (2) Absorption of carbon-dioxide.
- (3) Re-absorption of starch.
- (4) Respiration carbon-dioxide evolved.
- (5) Transpiration.

C.—Successive appearance of leaves, leaf-fall.

9. *Stems and their work :—*

- A.—Forms of stems—length of internode, erect, climbing, and underground stems.
- B.—Structure of stems—radial or scattered bundles; secondary thickening annual rings; bark.
- C.—Elongation of stems—apical growth; buds
- D.—Branching of stems—position of the lateral buds.
- E.—Function of stems—arrangement of leaves, passage of food material and water.

10. *Flowers and their work :—*

- A.—Essential and non-essential organs.
- B.—Pollination.
- C.—Self and cross-fertilization; monoecism, dioecism, transport of pollen.
- D.—Function of the non-essential organs.
- E.—Growth of the ovule.

13 Interdependence of plants and their surroundings as illustrated by the local crops and the climate of the district

Note.—Candidates will undergo a course of practical work in connection with the above syllabus.

Note for the guidance of teachers in carrying out of the practical work in connection with the syllabus in Agricultural Botany.

All specimens required for demonstration purposes should be obtained before each lesson period, so that the pupil's time is always properly utilized during each lesson.

A special note-book should be kept by each pupil for practical work, neat sketches should be made and concise descriptions entered therein. These note-books must be kept properly up to date and ready for inspection by the Inspector or Examiner.

As a general rule, the pupils are to be supplied with individual specimens for personal examination and description. This particularly applies to paragraphs 1 and 2 (*vide syllabus*).

Caver's Plant Biology published by Messrs W. B. Clive, University Tutorial Press, 25, High Street, New Oxford Street, London, W.C., is recommended for the teacher only, and the numbers attached to the experiments detailed below which are to be performed by the pupils, refer to the number of the experiments given in that book.

SA —(i) *Vide syllabus*, experiments 20, 22, 28—30, 40, 43, 50.

(ii) *Vide syllabus*, experiments 54, 77, 79.

(iii) " " " 96, 97

3B — " " " 80—82

3C — " " " 84.

3D — " " " 103—108, 109,
223, 120, 123,
143, 144

3E — Compare emergence of broad bean, dwarf sun, and castor (or cotton) plant.

4B.—Experiment 165—167, 169—172.

4C.—(i) Experiments 203, 205. For demonstration only 206—208.

(ii) Experiments „, For demonstration only 210.

8A.—(iii) Experiments 224, 225, 226, 227.

8B.— (i) „ 230, 232, 234.

(ii) „ 248, 250, 251.

(iii) „ 241.

(iv) „ 276, 277.

(v) „ 278, 284.

Throughout, and especially in such sections as no. 11, the teacher should only explain examples of common plants growing wild or cultivated in the neighbourhood of the school.

When section 4C is reached, lessons in section 5 should be started. One-half of the lessons in each week to be devoted to sections 5, 6, and 7, until that portion of the syllabus which deals with certain elementary principles of agriculture is completed; while lessons on sections 8, 9, etc., are to follow immediately on the completion of 4C.

The following is the list of apparatus, etc., showing the minimum requirements for the above syllabus.

NOTE.—This list has been prepared for a class of twelve students working together. If more students have to work at the same time the number of articles to be used by each student should be increased proportionately.

If there be a doubt as to the name of any article, Messrs. Baird and Tatlock's catalogue for 1906 should be consulted :—

Name article	Quantity.	Number in Baird and Tatlock's catalogue.
Chemical balances with gramme weights	2	120
Beakers, 8 sets 1 (60 c. c.) to 6 (485 c. c.)	4 dozens ..	993
Aspirators, 2 litres or bigger..	2 ..	1108
{ 2 without tubulures }		1004
Bell jars .. { 2 with 1 tubulure }	6 ..	1005
{ 2 with 2 tubulures }		1012

Name of article	Quantity	Number in Baird and Tatlock's catalogue
Brass ap rit lamps	1 dozen	Bazar
O i stoves (Sunrise)	2	"
Spirit stove, small	1	"
Air oven 9X9X9 in or 10X10X 10 in	1	1842
Wa er oven	1	1348
D istillation apparatus if distilled water is not available.	1	1863
Water bath	1 gross	
Test tubes	3 dozens	
Test tube stands	1 dozen	
holders	1	
cleaners	4	
Gla cyl nders	(cl. Ca Cl 2 towata)	
Bott es of various sizes, with stoppers	1 gross	1803
Glass jars	1 dozen	
Glass covers to fit the glass jars	1	
Corks (ardinary) various sizes rubber)	1 gross 2 dozens	
Cork bores	2	
Measuring cylinders 100 c. c.	4	1700
Borsets	4	
Bu stic stands	4	
Funnels	1 dozen	
Funnel stands	2	
Th stic stand ls	2 dozens	
T tubes	1 dozen	1167
U tubes	4 dozen	
Burette cl ps	2 dozens	
Flasks, various sizes conical	3	Bazar
Wash bottles	3 yards by 1	
Wire gauges	yard	
Deflagrat ng spoons	1 dozen	
Pie triangulat	1	2341
iron stand	1	2347
Rector stands w th clamps	4	
Tr pods	1 dozen	
Triangles	1	
Thermometer 100° O	2 dozens	
O ass tub ng of vaious bores	10 lb.	
Cap lary tubing	2 "	
Glass rod	1	
Rubber tub ng of vaous diameters each piece	10 feet	
Microscopes (compound)	2	Any student a pattern
D isecting m oscopes	4	
S ample lenses	6	
D isecting knives	2 dozens	
" scissos fine po nta	2 "	
Forceps fine	1 dozen	
Scalpels	5	
Sl des glass microscope	2 gross	

Name of article.	Quantity.	Number in Baird and Tatlock's catalogue.
Cover-slips (square) ..	1 lb.	
Microscopic prepared slides ..	2 sets (complete set for Caver's books.)	
Razors ..	1½ dozen.	
Culture tubes ..	6 ..	899.
" tube stands ..	1 dozen.	
Crucibles, porcelain, 1½ and 3 inches ..	1 "	
Porcelain basin, 3 inches ..	1 "	962
Germination boxes, with glass front ..	20	
" " ordinary ..	1 dozen ..	Local manu- facture.
Dark boxes ..	2	
Glass tumblers ..	2 dozens ..	Bazar.
Small glass dishes ..	6 "	488
Watch glasses ..	6 "	Bazar.

V.—DRAWING.

The examination will consist of three papers of two hours each.

SYLLABUS.

Freehand Drawing from the flat.—To copy to an enlarged or reduced scale.

Model Drawing.—Drawing of common objects or from casts shaded, and the following geometrical solids:—

Cubes, prisms, cylinders, cones, both right and oblique, right and oblique sections of these solids, wedge, sphere.

Geometrical Drawing.—(1) The theory and use of instruments especially of the protractor and Marquise scale.

(2) Plain block-letter writing.

(3) The whole of practical plane geometry.

(4) Drawing to scale, viz., scale of chords; diagonal scale; plain scale; comparative scales (to be done in ink).

VI - MANUAL TRAINING

The examination will consist of one paper of three hours in Drawing and a practical examination of four hours in Woodwork.

(a) SYLLABUS.

(1) Woodwork—

(a) A series of models, graduated in respect of the tool manipulations involved to be made in wood from working drawings (drawn in plan, elevation, side view and conventional isometric projection) or from a given pattern in wood, the construction of the models to involve the use of one or more of the following tools Jack plane Try Square, Marking Gauge Marking Knife, Smoothing Plane Tenon Saw, Bevel, Screw Driver, Firmer Chisel, Hammer, Mallets Bradawl Nail Punch, Compass, Firmer Gonge, Gimlet, Frame Saw, Spoke Shave, Brace and Bit, File

The following joints at least should be included amongst the models —

Half lap, Housing, Mortise and Tenon Half lap Dovetail, Box Dovetail, Edge Dovetail Bridle

b) The care and maintenance in good working condition of the above-mentioned tools, excluding the setting and sharpening of the saw

(2) Drawing—

Drawing in plan, elevation and side view of all models, in the course and in conventional isometric projection of those of a rectangular shape

NOTE 1 — A scheme drawn up on the above lines is given below. Teachers need not keep strictly to the particular model mentioned in this scheme, but if any changes in the models are made these should not involve changes in the new tool manipulations employed. The course should, if possible, be commenced in class VII ~

NOTE 2 — Attention is invited to suggestions for teaching of Manual Training contained in Director of Public Instruction's circular no 2 of 1917 18

* (b) Books recommended for the use of teachers :—

The Teacher's Handbook of Seojd, by O. Salloman.
George Phillip & Sons. 6s.

Mannual Instruction, Woodwork, by J. C. Pearson.
George Phillip & Sons. 6s.

McDougall's Light Woodwork, by David Thomas. *McDougall's Educational Company, London.* 1s.

The Scholar's Woodwork Class-book, by T. W. Berry.
Cassell & Co., London. 1s. *

Practical Drawing, by T. S. Usherwood. *Macmillan & Co.* 2s.

Educational Handwork—Junior Course, by J. L. Martin and C. V. Manley. *Blackie & Son.* 1s. 6d.

Educational Handwork—Intermediate Course, by J. L. Martin and C. V. Manley. *Blackie & Son.* 1s. 6d.

Educational Handwork or Manual Training, by A. H. Jenkins. *University Tutorial Press, Burlington House, Cambridge.*

The "Self-help" course of Woodwork Exercise by E. J. Andrews. *Charles and Dib'e, 10, Paternoster Square, London.* 2s. net.

* In connection with the books recommended for the use of teachers in this Prospectus, it should be noted that there are in addition a number of books approved for the use of teachers generally (*vide* list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools, dated the 31st July, 1916, and its supplements issued annually).

VII —A MODERN EUROPEAN LANGUAGE**French**

There will be two papers of three hours each. The first paper will consist of *Selections from the prescribed Texts* and Grammatical questions thereon. The second paper will consist of Unseen Translation and Composition.

Books prescribed—

Ed About —Le Roi des Montagnards

Macmillan's edition (Stepman's Series)

Du Camp —La Dette de Jen (Cambridge University Press)

Perrault —Contes de Fees Edited by Faenacht (Macmillan)

Grammar recommended—

French Grammar (Sonnenschein's Parallel Grammar Series)

NOTE —*Viva Voce Examination* has been dropped for the present

VIII —DOMESTIC SCIENCE

The examination will consist of two papers. The first paper will contain questions on Physiology, Hygiene, Household Management, Home Nursing. The second will consist of the practical examination in sewing to be held at the same time as the examination in written work. There will also be an oral test in First Aid and Home Nursing.

SYLLABUS.

As a basis for the teaching of Hygiene and Home Nursing there should be a preliminary simple treatment of the following topics of Elementary Physiology —

The human skeleton; the organs of digestion; the circulation of the blood; the nervous system; respiration.

1 —Hygiene

NOTE —Great importance should be attached to practical work wherever the subject admits of this.

Air —Composition of air; ventilation; importance of pure air; impurities of air; diseases caused by impure air.

Water.—Composition of water; quantity of water required; source of water-supply—springs, deep wells, surface wells, rivers, tanks; how water is polluted; how to prevent pollution of water; how to purify water; boiling and filtering.

Food.—Composition of food; composition of good diet and its importance; preservation of food; cooking of food; drinks and condiments.

Personal Hygiene.—Cleanliness of body (hair, nails, teeth, etc.); clothing; exercise; importance of temperance; the use of *pun*, opium, and other drugs; spitting.

Precautions against diseases.—Infectious diseases, small-pox, measles, and diphtheria, etc.); tuberculosis; enteric fever; dysentery and diarrhoea; cholera; itch; leprosy.

2.—First aid.

Roller bandage, figure of eight as applied to knee, elbow finger, ear: bandage for eye, nose, chin: many-tailed bandage for chest. Bleeding of different kinds; how to stop bleeding; drowning; burns; scalds; bruises; sprains; broken bones; dislocation; carrying injured people; fainting; sunstroke; hysteria; epilepsy; suffocation; foreign bodies in eye, ear, nose and throat; bites of mad dogs; signs of madness in dogs; snake bites, stings.

3.—Home-Nursing.

NOTE.—None of the work is to be purely theoretical. Practice must be given in every point which allows of practical work.

Room.—Bed: bedding. furniture: light: warmth; ventilation.

Nurse.—Health; dress; duties and qualifications of a nurse.

External Remedies.—Poultices: plasters; fomentations; ice; baths—hot and cold; temperature of baths.

Food.—Kind of food and preparation; way of giving.

The Sick Room.—Administration of medicine; pulse and temperature charts; bathing, changing of garments, and bedding.

Infectious illness — Precautions during illness disinfection of room clothing, and bedding after illness use of disinfectants

Convalescence — Occupations, visitors rest sleep and food

4 — Care and Training of Children

Food sleep, exercise, play clothing cleanliness surroundings

Note — As an indication of the scope and standard of instruction in Hygiene and Home-Nursing teachers can referred to sections II III and IV of Personal and Domestic Hygiene for the School and Home by Miss Herold Hendley (Rai Bahadur M Gulab Singh & Sons Calcutta) also to Indian Manual of First Aid and Indian Home-Nursing published by the Indian Council of the St. John Ambulance Association (Thacker Spink & Co Calcutta.)

5 — Household Management

A — Choice of house. Furniture and Decoration Distribution of rooms Cleaning and care of house and furniture Disposal of refuse and sewage

B.—Care of the kitchen

Preparation of simple food.

Two of the following groups —

- (i) preparation of roti rice dal and tarkari
- (ii) preparation and care of milk
- (iii) preparation and care of meat (One dish only required)

C — Duties of mistress of household

Proper distribution of daily activities. Accounts and budgetting of expenditure

6 — Sewing and cutting-out

Sewing — Each candidate should select three of the following groups A good standard of skill will be required in the various stitches required in making up garments and in mending worn articles of clothing —

- (a) To cut and make up coat (nchhan) or pyjama or shirt (kurta) or a waistcoat for a man

Displacement velocity and acceleration, composition of these Elementary dynamics of rectilinear motion Definition of momentum Newton's Laws of Motion

(b) Practical.—Extension of a spring Moments Levers for parallel forces. Verification of triangle and parallelogram of forces.

Friction Centre of gravity Determination of practical mechanical advantage and efficiency in the case of simple machines

Note.—A suggested distribution of the work over classes I & II is given below for the guidance of teachers

Suggested detailed class syllabus

CLASS I

Algebra — Remainder theorem by actual division

Factors Quadratic equations Simultaneous equations of first degree in x and y H.C.F and L.C.M by factors only Easy fractions Elementary propositions in ratio and proportion Arithmetic and geometric progressions Elementary theory of indices

Trigonometry Theory — Measurement of angles Trigonometrical ratios and the relations between them. Determination of the other trigonometrical ratios when the value of one is given Use of the table of logarithms and of the trigonometrical ratios

Solution of the right-angled triangle —

The following general formulae

$$\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c}$$

$$a^2 = b^2 + c^2 - 2bc \cos A$$

$$a = b \cos C + c \cos B$$

$$\tan B = \frac{b \sin C}{a - b \cos C}$$

Solution of triangles in the following cases —

(i) One side and two angles given

- (ii) Three sides given.
- (iii) Two sides and contained angle given, using above formulae.

Trigonometry : Practical.—(i) Construct right-angled triangles; calculate by measurement the ratios of one angle and compare their values with those given in the tables.

- (ii) By means of a base line and perpendicular off-sets, find the area of an irregular field.
- (iii) Find the height of top of a hill, tower or of a stationary balloon by taking the elevations at two points in line with its projection on the earth's surface graphically and by calculation.
- (iv) Find the distance of an inaccessible point C from an observer at A by taking the readings $\angle BAC$, $\angle ABC$, and AB, graphically and by calculation.

Mechanics : Theory.—Definition of force; representation of forces. Equilibrium of a body under three forces, concurrent and parallel.

Displacement, velocity, and acceleration, composition of these Formulae:—

$$v = u + ft.; s = ut + \frac{1}{2} ft^2; v^2 = u^2 + 2fs.$$

Definition of momentum. Newton's Laws of Motion.

Mechanics : Practical.—Extension of a spring. Levers for parallel forces. Verification of triangle and parallelogram of forces.

CLASS X.

Algebra.—Remainder theorem (general proof). Factors. Fractions. Elementary properties of surds. Theory of quadratic equations. Simultaneous equations. Graphs of simple functions, including circle and rectangular hyperbola.

Trigonometry : Theory.—Projections; proof of $\sin(A \pm B)$, $\cos(A \pm B)$ geometrically by use of projections; hence $\tan(A \pm B)$, $\sin P \pm \sin Q \cos P \pm \cos Q$. Multiple

and sub multiple angles Simple trigonometric identities and equations Formulae connecting sides and angles of a triangle Solution of triangles, including the ambiguous case

- Trigonometry - Practical* — (i) As in exercise (iii) of class IX, when the ground slopes up or down
(ii) Determination of distance between two inaccessible points in a horizontal plane, e.g., distance between two trees on opposite sides of a river.

Mechanics Theory — Moment of a force Moment of resultant Polygon of forces. Angles and coefficient of friction Centre of gravity in simple cases Simple machines, inclined plane, system of pulleys wheel and axle Practical mechanical advantage, velocity, ratio, and efficiency.

Mechanics, Practical — Experiments about moments, e.g., forces on a body which can turn about an axis Practical determination of centre of gravity To determine the co-efficient of friction on an inclined plane, (a) by arranging the angle of slope so that the body is on the point of moving down, (b) by observing the forces necessary when the body is on the point of moving up and slipping down the plane respectively Determination of the practical mechanical advantage and efficiency in the case of (a) simple pulley, (b) pulleys, (c) wheel and axle

- (b) The books recommended for use are—

Algebra — Same as for ordinary Mathematics

Trigonometry — Elementary Trigonometry, by W. E. Paterson, Clarendon Press, Oxford 3s.

Mechanics — Briggs and Bryant's Matriculation Mechanics, University Tutorial Press, London 3s. 6d

The following books are recommended for teacher's reference library —

- 1 Trigonometry for beginners, by J. B. Lock and J. M. Crib'd, Macmillan and Co. 3s.

- 2. Logarithmic and other tables for schools, by Frank Castle. *Macmillan and Co.* 8d.
- 3. Mechanics, parts I and II, Dynamics, and Statics by R. T. Glazebrook. *Cambridge University Press.* 5s.
- 4. Mechanics for Beginners treated experimentally, by L. Cumming. *Revington, Percival and Co.* 3s.

Exercises in Mathematics, D. B. Mair. *Macmillan and Co.* 5s.

A School Course of Mathematics, D. Mair. *Clarendon Press, Oxford.* 3s. 6d.

The following apparatus has been approved for the teaching of Further Mathematics to the High School classes. It can be seen in the Teachers' Training College at Allahabad and it is so simple that it can be made locally —

- 1 Wooden stand with brass knife edge.
- 1 Drawing Board with brass socket.
- 3 Clamp pulleys.
- 2 Moveable pulleys.
- 5 Tin slides.
- 3 Pans.
- 1 Steel spring.
- 1 Friction block.
- 1 Inclined plane with support and clamp.
- 1 Tin roller.
- 3 Tin weights:
- 2 Hooks and string.
- 2 Half-metre scales.
- 1 Iron axle.
- 1 Sighting rule.
- 1 Cross-head and pole.
- 1 Optical square.
- 1 Wooden tripod. (With brass thumb screw.)
- 1 Trigonometer with brass scale.
- 1 wooden scale.

INTERMEDIATE EXAMINATION OF 1925
ENGLISH

There will be one paper on the prescribed prose course and a second paper will be set on the poetry course, and in each paper one question will be set on "Unseen" passages.

In place of the Unseen Prose passages candidates who offer English as their mother tongue will be required to answer questions on supplementary prescribed texts.

A third paper will include (a) translation from a vernacular into English, and (b) a narrative or descriptive piece of composition in English. In the case of candidates who offer English as their mother tongue, the third paper will consist of an Essay, together with questions on English composition and on the history of English literature from 1500, as in Hudson's outline History of English Literature (Bell and Co.)

Note - 1 In the case of books prescribed for detailed study candidates will be expected to show a close familiarity with the text including meaning of words, construction of sentences historical and other allusions as well as knowledge and understanding of the subject matter. They should be able to indicate contexts and to paraphrase and explain any difficult passages in simple and correct English.

2 In the case of books prescribed for general study date and knowledge of the text will not be required, but candidates will be expected to show that they have read the course with intelligence and with some appreciation.

Books prescribed —

Prose —(a) For detailed study—

*Church — Trial and death of Socrates
the Apology, Crito and last
part of Phaedo (Chapter
LXXXIII to end).*

*Ruskin — *Scarne and Lilies*, from which
only the following lectures
are prescribed —
" King's Treasuries "
and
" Queen's gardens ".*

(b) For general study.

Dickens—Tale of two Cities.*Macaulay*—History of England, Chapter III.*Poetry*.—(a) For detailed study—*Browning*.—A Grammarian's Funeral.*Shelley*—The Cloud.*Keats*—Ode to a Nightingale*Tennyson*—Sir Galahad.*Longfellow*—King Robert of Sicily.

(b) For general study—

Shakespeare—Merchant of Venice.*Tennyson*—The Lotus Eaters (the Choric Song excepted).

Crossing the Bar.

“ Ring out wild bells.”

Keats—St. Agnes Eve.*Byron*—“ The Defeat of Sennacherib.”

There may be none of beauty's daughters,

Shelley—To night.*Newman*—Lead Kindly Light.*Whittier*—The Eternal goodness, stanzas 10, 11, 16, 17, 18, 19, 20.*Tagore*—Three poems from Gitanjali, viz.

35.—“ Where the mind is without fear and the head is held high.”

45.—“ Have you not heard his silent steps ?”

49.—“ You came down from your throne and stood at my cottage door.”

Supplementary prescribed texts for candidates whose mother-tongue is English:—

Coming and Passing of Arthur; Hereward the Wake.

NOTE.—(a) Half the total of marks will be allotted to the portions for detailed study, 30 per cent to the portions for general study and 20 per cent to Unseen passage, and grammar.

(b) Grammatical questions will be asked including Parsing Analysis the Sequence of Tenses and Conversion of the Direct and Indirect forms of speech.

(c) The attention of candidates is drawn to the fact that examiners have been instructed to deduct marks for inaccuracy in English.

CLASSICAL LANGUAGES

(a) Sanskrit

There will be three papers one on Poetry and Drama the second on Prose and unseen and the third on Grammar and Composition

Paper I — Poetry and Drama—

- (a) (i) Raghuvamsha Canto XIII,
- (ii) Bhatti Kavya Canto II
- (b) Shakuntala Act IV

NOTE—1 Students are expected to explain in Sanskrit selected passages by giving the context synonyms of the different words and analysing compounds where necessary and adding the purport

2 No questions purely on Prakrit shall be asked.

Paper II — Prose and Unseen—

- (a) Prose—Dasha Kumara Charita *कृष्ण वित्ती* only
- (ii) Plays—(a) Rama Katha Manjari published by Bharat House Lahore

(ii) Kusumamala Part II

NOTE—1 The candidates are expected to familiarise themselves with the language and style of the Epic period and of the works like the Kusumamala.

2 Students should be taught to study these books by themselves with the help of a Sanskrit English Dictionary

Paper III — Grammar and Composition

Books recommended —

- 1 Aptes' Guide to Sanskrit composition
- 2 Kales' Sanskrit Grammar
- 3 Vidyabhushan's Sanskrit Grammar

In addition to the course in Grammar prescribed for the High School Examination of 1925 the course in

Grammar for the Intermediate Examination of 1925 shall consist of the following :—

The remaining declensions of all nouns and pronouns, conjugations of the verbs of all the ten classes in all the Lakaras, the use of six karakas, the four classes of Samasas, and Krit and Daddhita forms

N.B.—Sanskrit must be written in the Devanagari character.

I.—ARABIC AND PERSIAN.

Three papers will be set in each of these languages. The first paper will be on the prescribed Text-books and Grammar. The second paper will contain passages for translation into English from the books recommended for rapid reading and from others of equal difficulty. The third paper, on Composition, will contain a passage or passages of English Prose to be rendered into the Classical Language.

(b) Arabic.

Prescribed course—

(i) Text—Selections in Arabic Prose and Verse (Anwar Ahmadi Press, Allahabad.)

(ii) Grammar—Mabadi-ul-Arabia, II Urdu Edition Mujtabai Press, Delhi.)

Rapid reading—Qilyubi—Nawadir-ul-Hilayat. (First half).

Note.—Arabic words must be written in the Arabic character.

(c) Persian.

Prescribed course—

(i) Text—

Prose—Anwar-i-Soheili طاپ ادل (in the story of کہ ہیڈہ دوں خرو رفت instead of read and instead of کہ ہیڈہ درد پاے او ہیڈوں خرو رفت (پیوسٹہ شد و پاے دوں زیستہ شد بوزنہ excluding from—

ایں مثل دہان آردہ ام تا تو گرا سماں پیش آید کے چاعد را (1)

سالمت تو کارست to اور نئے این چیزوں (2)

دشمنی را دیکے دوں سپیار to چھانچھے وکیل در بنا (3)

and (4) دمده گفت میرا میبل اریں منتصوو to

An i Akbari, vol. III, pages 291—298,

from ما بیز چارہ سکالیم to دلایلہ کعباو شاہی

excluding from (1) ما دارو نہ پددید (1) to

ددیها از شیطان دامستن

to هنگام آراستن (2)

بھوتی سادہ لوحان

and بسریں ستم (3) to

شکست رار تینچانے

وصفا مدل کردید to ارسامات یعنیات [المب] Tuzuk Jahengiri—from

{as is in Matriculation Course, 1912-13}, Safir-e-nimah,

شہزادہ سپی و تصید زد to در شمعه درم دستعده

(as in the Intermediate Course 1913-14)

Poetry—Diwan Hafiz (1) to (47) Intermediate Course, 1912

Salman Saqai, Qasidas beginning with—

(۱) ای سرائیں ملک را مشیخ تو مالک رہا

(۲) ناد سحر گئی تو حلق دند

(۳) بدل رسیدہ سعد گاہ در مقام حضور

(۴) ہم امزدود نلے شہ ہدیہاں دوسرا

(۵) ہر اگر دندہ بڑاں روکھ نند دوڑھ بار

Zabir, Farjabi Qasidas beginning with

(۱) شعیر تو لدت شادی سعیان دهد

(۲) سبیدہ دم جو رد ایو حیمه در گلزار

(طمع مدار دلو

(۳) سبیدہ دم جو شدم مسحوم سراہ سردد

(۴) چون بڑاں طلاقیہ شہ کشت آشکار

(ii) Grammar—*مختصر الفوائد* by M. H. Nasiri, Chapters I—VII. (Mission Press, Allahabad.)

Rapid reading—Sear-ul-Mutaakhirin, from—
فروگفتہ جہاں یہ از ہمار وقت to ذکر سلطنت ظاہر الدین محمد قادر شاہ
(excluding from خواہند to موتمن الدلہ ذکر احوال)

Students who offer Persian are required to have such a knowledge of the Etymology of the Arabic language as will enable them to explain all Arabic words and phrases which may occur in the Text-books and in the books recommended for rapid reading in Persian.

NOTE.—Persian words must be written in the Persian character.

II.—LATIN, GREEK AND HEBREW.

Three papers will be set in each of these languages according to the following scheme:—

Paper I—Set books ...	... * Two hours.
Unseen (Prose)	... * One hour.
Paper II—Set books ...	... * Two hours.
Unseen (Poetry)	... * One hour.
Paper III—Grammar ...	... * One hour.
Composition...	... * Two hours.

In papers I and II half the marks will be allotted to Unseen Prose and in paper III two-thirds of the marks to Composition. As Composition a passage or passages of English Prose will be set to be rendered into the Classical Language.

(a) Latin.

The papers will be as follows:—

Paper I.—CICERO:—In Catilinam, I—IV; and Livy, Book XXII Chapter 1—51; Unseen Prose.

Paper II.—HORACE: Odes II and III; Unseen Verse
Paper III—See above.

Grammar recommended—GILDERSLEEVE'S Latin Grammar.

* Time indicated merely for guidance of examiners in setting papers.

(b) Greek.

The papers will be as follows—

Paper I—PLATO : *Apology* and *Crito*, Unseen Prose.

Paper II—SOFOCLES : *Antigone*, Unseen Verse

Paper III—See above.

Grammar recommended—RUTHERFORD'S Greek Grammar.

(c) Hebrew

The papers will be as follows:—

Paper I—GENESIS and SAMUEL, Book I; Unseen Prose.

Paper II—PSALMS, XVI—LXX, Unseen Verse

Paper III—See above

HISTORY

There will be two papers in each group. A student may take either. A group or B group or both.

A Modern History and Allied Geography.

I.—Indian History from 1000 A.D

Books recommended:—

LANE POOLE, S : Medieval India —T Fisher Unwin, Limited.

SMITH, V. A : Oxford History of India,—Oxford University Press.

ROBERTS, P. E. : A Historical Geography of the British dependencies—Vol. VII, India, Part I—History to the end of the East India Company (Oxford, Clarendon Press.)

II.—Either (a) Outlines of Modern European History from 1500 A.D.

Books recommended:—

GRANT : History of Europe —Longmans, Green & Co

TITCHER AND SCHWILL, History of Europe —John Murray, London

ROBINSON: History of Western Europe.—Ginn & Co, New York

Or (b) Modern English History from 1485, with special reference to the growth of the Empire

Books recommended:

WARNER and MARTEN: *Groundwork of British History*, sections II and III, Blackie & Son, Limited.

KERR AND BUSHEBROOK WILLIAMS: *Growth of the British Empire*—Longmans, Green & Co.

B. Ancient History and Allied Geography.**I.—History of Greece.***Books prescribed:*—

EDMONDS, C. D.: *Greek History for Schools*.—Cambridge University Press.

ABBOT: *Pericles*.—G. Putnam & Sons.

II.—History of Rome.*Books prescribed:*—

BYRANT, E. E.: *A Short History of Rome* (Cambridge University Press)

SIECKBURGH: *Augustus*.

LOGIC

There shall be two papers of three hours each: the first on Deductive Logic and the second of Inductive Logic.

Deductive Logic.

The following syllabus is prescribed:—

Definition, scope and value of Logic. Nature of thinking. The laws of thought. The relation of thought and language. Terms and their classification. Denotation and Connotation of terms. The predicables. Formal division and definition. Propositions; their import. Reduction of statements to logical form. Distribution of terms. Nature and forms of inference. The opposition of propositions and various forms of syllogism. The syllogism, its figures and moods. Reduction, direct and indirect. Hypothetical, disjunctive and mixed syllogisms. The Dilemma, Enthymeme, Sorites and Epicheirema. Function and value of Syllogism. Analysis of deductive arguments. Fallacies.

Inductive Logic

The following syllabus is prescribed —

The nature and presuppositions of inductive inference
 Causation its significance and importance in induction.
 Observation and experiment. Classification and nomenclature
 Hypothesis Imperfect inductions—simple enumeration
 and analogy Methods of scientific induction Analysis
 of inductive arguments and application of inductive
 methods Explanation and establishment of laws The
 relation of induction to deduction Fallacies

Books recommended (not prescribed) to indicate the
 standard of treatment of the topics prescribed —

Introductory Text book of Logic S H Mellone —
 Blackwood & Son Edinburgh

Intermediate Logic Welton & Monahan — University
 Tutorial Press London

Groundwork of Logic Welton — Messrs Macmillan
 & Co

ELEMENTARY ECONOMICS

Introductory

Subject matter Relation to other sciences The development
 of Economics life

Production

Relation between wants and production The factors of
 production

Land — Natural resources of India Soil and Climate
 Sources of Power Raw materials

Labour — Density and distribution of population in
 India Health and vital statistics Occupations

Capital — Buildings and machinery Means of communication
 and transportation in India Irrigation

Organisation — Combination of the factors of production in
 village industries and in factories Efficiency of the factors of production Different uses and how efficiency

increases. Efficiency of labour increased by education. Division of labour and specialization of machinery. Large scale production and its limitations. Diminishing and increasing returns. Development of industrial organization. Its relation to means of transportation. Accompanying changes in rural industries and in agriculture.

Exchange.

Utility.—Marginal and total utility. Law of diminishing utility. Law of demand.

Barter.—Conditions of barter. How both parties gain in utility by exchange.

Exchange by sale and purchase. Demand and supply schedules and curves. Balancing of demand and supply in a local market. Relation of price to expenses of production. Changes in the expense of production. The development of markets. Causes of the extension of markets. India's imports and exports.

The machinery of exchange. Money and banking. The Indian currency system and the organization of credit in India (both to be treated in an elementary way).

Distribution.

The problem of distribution.

Rent.—The law of rent as applied to India. Land tenure in the United Provinces.

Salaries and wages.—Real and money wages. The standard of living, Mobility of labour in India. Influence of social customs.

Interest.—Net and gross interest. Mobility of capital in India. Principles of co-operative credit and its advantages for India.

Profits.—As the reward of enterprise. Business opportunities in India.

Consumption.

Satisfaction as the end of all economic activity. Wants and their classification. Division of income among different

items of expenditure Family budgets Relations of saving to spending The social side of spending

Taxation

Classification of revenues, the tax system and its incidence in India.

The following books should be consulted —

Penson — Economics of Everyday Life, Parts 1 and 2

Moreland — Introduction to Economics for Indian Students

Banerji — A study of Indian Economics

Teachers should also consult —

V. G. Kale — Indian Economics

Marshall — Economics of Industry

Chapman — Elementary Economics

Juck — Economic Life of a Bengal district

Mann — Life and labour in a Deccan village

Practical work

In view of the fact that many students will leave college to earn their living after the Intermediate Examination and that many government positions are now being opened to men who have passed this examination, the course should be taught in such a way as to make it of real practical use to students in after life. Teachers must be given facilities for taking students out to study small industries markets and conditions of living in both city and country. The principles should be illustrated from these studies. The examiners are to inspect and mark the practical work of each student, as follows —

Two family budgets one of an artisan, one of a cultivator with the student's own deductions

Two balance sheets, for one month or more of small scale industries, with suggestions for improvements in the industry (For example, farming weaving pottery carpentry, shoe making, tailoring basket making the gwala the mithai wala etc.)

Diagrams representing the above budgets and costs of production in the industries as percentages of the total.

Written work.

Teachers should insist on as much written work as possible. The following methods are suggested :—

Note.— Teachers should not usually dictate notes, but should require students to write out their own notes after each lecture from rough notes taken in class and from memory. These notes should be inspected and marked by the teacher.

Questions.—At the beginning of the lecture period teachers should frequently give out a single question on the work of the day before and allow the student 5 or 10 minutes to write out the answer which should be corrected and returned to the students.

Essays.—Occasional essays may be assigned.

N.B.— Practical and written work shall be given 15 per cent. each of the total marks for Economics. There shall be two papers, each of which shall be given 35 per cent. of the total marks. The first shall cover production and exchange, the second the rest of the course.

INDIAN VERNACULARS.

(*For girls only, in place of a Classical Language.*)

Hindi.

1. Charitavali by Harishchandra.
2. Sangit Sakuntal by Partab Narayan Misra.
3. Natibatika by Lala Sita Ram.

Urdu.

1. Banat-un-nash by Shams-ul-ulama Dr. Nazir Ahmad Khan, LL.D., D.O.L. (Published by Rai Gulab Singh, Lahore.)
2. Musaddas Hali by Shams-ul-ulama Khwaja Altaf Husain, Hali. (Published by National Press, Allahabad.)
3. Sham-o-Shair by Dr. Sheikh Muhammad Iqbal, M.A., Ph.D., Bar-at-Law. (Published by An-nazir Press, Lucknow.)

Bengali

- Prose* — (1) *Charita Katha* by Ramendra Sunder Tripathi
 (2) *Karma Khetra* by Shashi Bhushan Sen
 (3) *Sita* by Jogenira Nath Basu

- Poetry* — (1) *Ramayan Ajodhya Kanda Kritibas*, edited by Ramanand Chatterjee
 (2) *Chatnadarshapadi Kahitabali* by M. Madhusudan Datt edited by Dinanath Sanyal
 (3) *Palashir Juddha* by Nobin Chandra Sen

- Composition* — *Bachona Paddhati* by Nrisingha Chandra Mukerji

Urdu

- | | |
|---|---------------------|
| <i>Charupath Part III</i> , translated by Bichhanda Patnaik | |
| Kamleshwar Ray | Bilasini |
| Sasibhushan Ray | Dakshinatya Brahman |

Marathi

- | | |
|--------------------------------|----------------------------|
| Nagesh Vasudev Gunaji Atmodhar | |
| Ramabai Ranade | Ameiya Ayushyatil Athavani |
| Hari Narayan Apte | Gai Alka Pan Singh Gela |

Gujrati

- | | |
|---------------|----------------------------|
| Gujratno Nath | Ghanaslyam (K. V. Munshi), |
| Charitra | Minalak Devivedi |
| Gujrat Sirva | ↓ Narinadas Ankur |
| Sangaraha | |

Tamil

- Periyapurana vaclanam* (Life Arunugba Navalar edition of Appar Sundar Sembuutta Murthi)

Thirukkural I to 10 Chapters (Ripon Press)

Kamraki by J. Chelvalesava Raya Mudaliar

Telugu

- | | |
|---|-------------------------|
| Uttaragogrihanam | Tikkava |
| Tanobugrahnam | Boggaraza Venayagamurti |
| The influence of environment on body and mind by Sri Govindaswamy | |

A MODERN EUROPEAN LANGUAGE.

(For girls only, in place of a Classical Language.)

There will be three papers of three hours each. The first paper will consist of extracts from the prescribed Text-books together with grammatical questions. The second paper will contain unseen passages for translation from French into English; these passages not to be taken from the prescribed Text-books. The third paper will consist of a passage or passages of English prose to be translated into French.

French.

Prescribed Text-books—

ERCKMANN-CHATRIAN : Le Conscrit.

DAUDET : Tartarin sur les Alpes. (Siepmann's edition.)

Le Voyage de Monsieur Perrichon. Labiche et Martin (Hachette et Cie).

Grammar recommended—French Grammar (Sonnen-schein's Parallel Grammar Series).

MATHEMATICS.

There will be three papers in Mathematics:—One paper in Algebra and Trigonometry, a second in the Geometry of Conics and Solids and the elements of Co-ordinate Geometry, and a third on Elementary Dynamics.

(1) *Algebra*.—Quadratic equations involving two or more unknown quantities, the theory of quadratic equations and of expressions of the second degree, imaginary expressions, arithmetical, geometrical, and harmonical progressions, permutations and combinations, theory of indices and logarithms, proof of binomial theorem for a positive integral index and the use of binomial and exponential theorems for any index.

(2) *Trigonometry*.—Including Solution of Triangles, and simple problems on inscribed, circumscribed, and described circles.

(3) *Plane Geometry* Proportion, similar triangles, the properties of the parabola ellipse and hyperbola treated geometrically.

(4) *Geometry of Solids* — Elementary properties of lines and planes, surfaces and volumes of parallelopipeds and right prisms pyramids, circular cylinders and cones, spheres and spherical segments, frusts of pyramids cones and spheres, with numerical applications.

The use of Trigonometry and Logarithms shall be permitted in solving numerical examples.

(5) *Co-ordinate Geometry* — The properties of the straight line and circle treated by rectangular and polar co-ordinates, the properties of the parabola ellipse and hyperbola and their tangents and normals, deduced from the simplest equations of the conics in rectangular co-ordinates.

(6) *Dynamics and Statics* — Velocity composition of velocities, relative velocity, acceleration, rectilinear motion under uniform acceleration, composition of accelerations, Newton's Law of Motion, rectilinear motion under gravity in a vertical and down an inclined plane, motion of two masses connected by a string passing over a pulley, projectiles direct impact of smooth bodies, definition and calculation of kinetic energy, co-planar forces parallel and non parallel and their composition, equilibrium of a body under three forces, moments, conditions of equilibrium of a body under a system of co-planar forces and simple examples, centres of gravity, friction, work and power, simple machines (lever, balance, system of pulleys, wheel and axle, differential wheel and axle).

The following books are suggested —

School Algebra, Part II by Paterson (Clarendon Press.)

Elementary Algebra Part II by P. Ross (Longmans.)

Hall & Stevens' School Geometry Parts V and VI

Co-ordinate Geometry Smith or Loney (Macmillan's)

Conic Sections, Wilson (Macmillan's).

Elements of Statics and Dynamics by Loney. (Cambridge University Press.)

PHYSICS.

[*N.B.—Candidates will be required to pass in the theoretical part of each Science subject.]*

There will be two papers as follows:—

1st Paper—Heat and Light.

2nd Paper—Sound, Electricity, and Magnetism.

The following syllabus is recommended:—

General properties of Matter.—Fundamental units and their measurement. Principle of Balance, Verniers, Calipers, Screw-gauge, Spherometer, Volume Density, Specific gravity, Fluid pressure, Principle of Archimedes, Nicholson's hydrometer, Barometer, Boyle's Law, Pumps, Siphon, Elementary notions of volume elasticity, rigidity, and Young's modulus in the case of solids. Isothermal and adiabatic elasticities of gasses. Gravitation, simple harmonic motion. Pendulum. Value of "g."

Heat.—Temperature. Thermometers. Calorimetry. Specific heat. Latent heat. Expansion of solids, liquids and gases. Vapour pressure. Hygrometry. Change of state. Laws of unsaturated and saturated vapours. Conduction: Convection. Radiation. Reflection and absorption of heat. Isothermal and adiabatic changes. Specific heat at constant volume and constant pressure. Relation of heat to work. Determination of J.

Light.—Laws of propagation. Reflection and refraction from plane and spherical surfaces. Dispersion. Spectra. Fraunhofer's lines. Telescope. Microscope. Spectrometer. Photometry. Phosphorescence, Fluorescence. Velocity of light.

Sound.—Lissajon's figures. Transverse and longitudinal waves. Nature of sound waves. Intensity. Pitch. Quality. Mode of propagation. Reflection. Refraction,

Stationary waves Beats Resonance Vibrations of strings and air columns Monochord and organ pipes Determination of velocity in solids, liquids and gases Musical scale

Electricity and Magnetism.—Magnetisation Permanent magnets Magnetic induction Unit of magnetism Magnetic field Lines of force and lines of induction Tangent A and B positions of Gauss Deflection and vibration Magnetometers Magnetic moments Earth as a Magnet Magnetic elements II Declination and Dip and their determinations Electrostatic unit of quantity Coulomb's law of force Electric field Gold leaf electro-scope Surface density Potential Capacity Leyden jar Capacity of a parallel plate condenser Electrophorus Wimshurst's machine

Voltic cell Electric current and its magnetic effects E. M. unit of current Galvanometers Ammeters Voltmeters Ohm's law and its verification Unit of resistance and P. D. Specific resistance Practical and absolute units Determination of resistance Whastone's bridge P. O. Box Heating effect of current Joule's law Determination of J Electric glow lamp Electric arcs Chemical effect of current Faraday's laws of Electrolysis Electro-chemical equivalent Voltmeters Electro-magnetic relations. Electro-magnet induction Induction coil Simple dynamo Motor Electric Telegraph Telephone Microphone Thermopile

The scope of course is approximately indicated by R. S. Willows A Text book of Physics (published by Messrs Arnott & Co) and this book is strongly recommended

There will also be an examination in practical work

The laboratory course is indicated by the following list of experiments An account of each experiment must be written by the student in a special note-book which will be examined The account of each experiment should be signed by the Demonstrator, and the books should be kept in his charge

LIST OF EXPERIMENTS.

Mechanics--

- Applications of the Triangle of Forces.
- Equilibrium of Parallel Forces.
- Principle of Moments.
- Determination of co-efficient of Friction.
- Ditto of "g" by the pendulum.

General Properties of Matter—

- Measurements of Mass by the balance.
- Use of the Spherometer.
- Use of Screw-gauge.
- Use of Callipers.
- Barometer.

Heat—

- Testing fixed points of Thermometers.
- Determination of Specific Heats.
- Ditto of Latent Heats.
- Construction of a graph illustrating the rate of cooling of a liquid.
- Boyle's Law.
- Determination of co-efficient of linear expansion.

Light—

- Reflection and Refraction of Light at plane and spherical surfaces.
- Determination of Refractive Indices
- Focal lengths of Mirrors and Lenses.

Sound—

- Determination of Velocity of Sound by resonance.
- Ditto the frequency of a fork by sonometer.

Magnetism--

- Mapping out lines of force by a small magnet.
- Determination of Neutral points in a magnetic field.
- Comparison of magnetic moments by the magnetometer.

Electricity—

- Variation of magnetic force at centre of a coil with radius number of turns and strength of current.

Determination of resistance by the use of Wheatstone's wire bridge

Determination of resistance by the use of Ammeter and Voltmeter.

Combination of cells in series and parallel

Detailed accounts of the method of performing the above experiments will be found in either Willows' Text book of Physics or in any Intermediate course of practical Physics such as Schuster and Lees

CHEMISTRY

[V D—Candidates will be required to pass in the theoretical part of each Science subject]

There will be two papers and a practical examination

The following syllabus is prescribed —

The course as for the High School Examination with in addition elementary and compound substances mixtures solution, chemical action the laws of definite and multiple proportions, simple methods of the determination of equivalent weights atoms, molecules atomic and molecular weights, vapour density the atomic theory and Avogadro's hypothesis combination of gases by volume

Valency, relation between equivalent and atomic weight simple methods of determination of atomic weights Dulong and Petit's Law

Boyle's Law Charles' Law vapour pressure, diffusion

Chemical symbols, formulae and equations calculations of an easy nature

Oxidation and reduction

Elementary ideas as to the nature of dissociation in gases and electrolytic dissociation theory

The outlines of the periodic law, studied from element prescribed in the course

Preparation and important properties of the following elements and compounds and proofs of the composition of the compounds marked*.

Hydrogen, oxygen, *water, ozone, hydrogen dioxide, nitrogen, the *atmosphere, the effects of animal and vegetable life upon its composition, *ammonia, nitric acid and nitrates, nitrous acid and nitrites, *nitro and *nitric oxide, carbon, *carbon dioxide, *carbon monoxide, elementary ideas about combustion and structure of flame coal gas, chlorine, *hydrochloric acid, the chlorides, chloric acid and chlorates, bromine, iodine, their hydrides and salts.

Sulphur, *hydrogen sulphide, sulphur *dioxide and trioxide, sulphuric acid and the sulphates, sulphurous acid and sulphites.

Phosphorous, hydrogen phosphide, phosphorous trioxides and pentoxide, orthophosphoric acid.

Silica, silicates of Na, K & Ca, glass.

Sodium, potassium, then hydroxides, chlorides, nitrates, carbonates, sulphates.

Calcium, strontium, Barium, and their oxides, carbonates, sulphates chlorides, nitrates.

Magnesium, its oxide, chloride, sulphate, carbonate and nitrate, Zinc, its oxides, chloride, sulphate and carbonate

Lead, its chloride, sulphate, and nitrate.

Copper, the outlines of its metallurgy, its oxides, chlorides, sulphate, and nitrate.

Iron, the outlines of its metallurgy, its oxides (FeO , Fe_2O_3 , Fe_3O_4) chlorides and sulphates.

Organic.—

A. The preparation, typical properties and structural relationship of the following compounds :—

Methane, ethane, ethylene, chloroform iodoform.

Methyl alcohol and ethyl alcohol.

Formaldehyde and acetaldehyde.

Formic acid and acetic acid.

Ethyl acetate and methyl acetate.

Acetamide, acetyl chloride, acetic anhydride.

Methylamine.

R. The descriptive properties of the following —

Acetylene, glycerol, acetone, ether, oxalic acid, tartaric acid, fats, soaps (and saponification) starch, cane sugar, grape sugar (and fermentation) urea, benzene phenol and benzoic acid.

PRACTICAL WORK

Students will be examined in Practical Chemistry

Students are expected to perform the following experiments in the laboratory. An account of each experiment must be written by the student in a special note book which will be liable to examination by the Examiners. This note book should be kept in the charge of the laboratory instructor and each account of an experiment shall be signed by him. The Principal of a College will be responsible for the production of this note book when demanded by the proper authorities.

The practical course is as follows —

- 1 Such practical work as is required for the School Leaving Certificate or Matriculation Examination
- 2 Qualitative analysis of simple salts
- 3 Preparation and purification of simple salts involving no special difficulty
- 4 Simple gravimetric and volumetric estimations, such as estimation of alkali acids and alkaline carbonates by titration, gravimetric estimation of iron and simple gravimetric experiments such as change in mass on oxidation of magnesium etc
- 5 Determination of melting and boiling points, fractional distillation
- 6 Qualitative detection of hydrogen, nitrogen, sulphur and halogens in organic compounds

Books suggested —

SHERSTON: Inorganic Chemistry (Arnold)

BOSCOL and LUNT: Elementary Inorganic Chemistry

ROSCOE and HARDEN: Inorganic Chemistry for Advanced Students.

A Class Book of Organic Chemistry by J B Cohen.

Organic Chemistry, Part I, by Perkin & Kipping.

Donington's Class Book of Chemistry, Parts 1-4.

BIOLOGY.

I - Zoology

[*N.B.—Candidates will be required to pass in the theoretical part of each Science subject.*]

A.—Living and non-living matter. The distinctive properties of living matter of protoplasm and its chemical composition. The structure and life-history of Amoeba and malaria parasite as examples of the Protozoa. A general conception of the structure and phenomena of the animal cell, direct and indirect cell division. The union of cells to form tissues and the combination of tissues to form organs.

B.—The structure of Hydra as an example of the Metazoa. The principle of the physiological division of labour and the correlated differentiation of structure.

C.—The structure and bionomics of an Indian Earth-worm as an example of a segmented animal.

D.—The structure of the cockroach as a type of Arthropoda Metamorphosis among insects as illustrated by the life-history of the common mosquito

E.—The general characters of the Chordata

F.—The general anatomy, histology, and physiology of the various systems or organs in the Frog.

G.—An elementary knowledge of the anatomy and osteology of the Rabbit or other common Mammal. The brain and eye of the sheep, and the skull of the dog may be substituted for those of the rabbit.

H.—A general classification of the animal kingdom with the characteristics of the principal phyla.

J.—Reproduction, sexual and asexual: ova and spermatozoa; oogenesis and spermatogenesis. The elementary

facts of the fertilisation and segmentation of the ovum, the outlines of the development and larval history of the Frog the three primary germ layers and the organs derived from them

II —Botany.

[*N.B. — Candidates will be required to pass in the theoretical part of each Science subject.*]

A —The structure and germination of seeds the morphology of the root, stem, and leaf The chief types of floral structures The chief type of inflorescence and the common types of fruits

B —The parts of a typical vegetable cell, the cell contents and their microchemical reactions the division of a cell the chief types of plant tissues A comparative study of the internal structure of the root stem and leaf of the Angiosperms The structure of the reproductive organs of the Angiosperms

C —The structure of *Bacillus subtilis* and the modes of nutrition among the Bacteria

D —The structure physiology and life histories of *Ulothrix*, *Spirogyra*, *Mucor* and yeast

E —The structure and life histories of a moss and a fern, and the phenomenon of Alternation of Generations

F —The life history of Angiosperms

G —An outline of the classification of the vegetable kingdom to illustrate grades of structure and method of reproduction

H —Elementary plant physiology, stability of the plant body, the usual constituents of plant food, assimilation, transpiration, respiration, the main facts about growth, the chief types of movements

PRACTICAL WORK

Students are expected to keep a record of all practical work in a special laboratory sketch book which will be liable to examination by the Examiners The laboratory instructors should sign the result of each day's practical work

A.—The micro-scopical study of Amoeba and Hydra ; the study of Hydra by means of transverse and longitudinal sections.

The general dissection of the Earth-worm, Cockroach and Frog : life-history of mosquito ; a microscopic study of the chief animal tissues from fresh or prepared preparations of muscle, nerve, cartilage, bone, blood, and connective tissue. The microscopic study of the Earth-worm by means of fresh preparations and transverse sections ; a microscopic examination of the kidney, liver, spinal cord, stomach, ovary, and testis of the Frog. The skeleton of the Frog.

The osteology of the rabbit substituting the skull of the dog for that of the rabbit, and the dissection of the alimentary, vascular, and reproductive systems of that animal.

B.—The dissection of plants and parts of plants, the preparation, simple staining, and study of micro-scopical sections of plants. A practical study by microscopic examination and otherwise of Bacteria, Yeast, Spirogyra, Cladophora, Mucor, and a moss, a Fern, and the vegetative and reproductive organs of Angiosperms treated in an elementary manner.

The description of a flowering plant and its parts in semi-technical language

(Where fresh material cannot be obtained, recourse should be had to prepare specimens)

Text-books suggested :—

PARKER and BHATTI : Elementary Course of Practical Zoology. (Macmillan.)

HOLMES : Biology of the Frog.

MARSHALL AND HUBST : Practical Zoology. (Murray).

RANGACHARI : Botany for Indian Schools, 2nd Edition. (Government Press, Madras.)

GAGER : Fundamentals of Botany. (Blakiston)

COMMERCIAL DIPLOMA EXAMINATION OF 1925

The following are the subjects of examination —

Compulsory subjects—

- 1 English including correspondence
- 2 Book keeping and Accountancy
- 3 Business Methods and Elementary Economics

Optional subjects—

One of the following —

- 1 Commercial Geography
 - (a) General
 - (b) India

or

- 2 Typewriting,

or

- 3 Shorthand

The following papers will be set —

- 1 English including correspondence —Two papers of three hours each
 - 2 Book keeping and Accountancy —Two papers of three hours each
 - 3 Business Methods and Elementary Economics — Two papers of three hours each one paper on business methods and one paper on Elementary Economics
 - 4 Commercial Geography —One general paper of three hours One paper on the Commercial Geography of India of three hours
 - 5 Typewriting —One paper of three hours
 - 6 Shorthand —One paper of three hours
- The syllabus in each subject is as follows —
- English including correspondence — 1 Drafting of commercial and official correspondence with special attention to grammar syntax punctuation and use of commercial terms and vocabulary
 - 2 Essay writing and composition with practice in expansion of summarized ideas into full statements and vice versa

3. Reading daily newspapers with practice in editorial writing and newspaper articles especially on commercial topics. Ability to understand the financial and business section of the newspapers.

4. *Précis writing.*

[*Note.—It is suggested that papers in this subject may follow the lines given below.]*

First Paper—Commercial English—

This will consist of—

- (a) Draft of commercial and official correspondence.
- (b) The writing of a short article to indicate an intelligent knowledge of commercial terms.
- (c) Précis writing.

Second Paper—General English—

This will consist of—

- (a) Translation from indirect to direct speech and vice versa.
- (b) Re-writing of incorrect or badly constructed sentences.
- (c) Synthesis of simple sentences and the resolution of complex sentences.
- (d) An essay on a subject of general interest.

Book-keeping and Accountancy.—The principles of Double Entry Book-keeping and their application Books of original entry, including Tabular Forms. The Ledger. Trial Balance. Trading, Manufacturing and Profit and Loss Accounts, with apportionments and adjustments. Balance-sheets. Loose Leaf and Card Index system of Book-keeping. Self-Balancing Ledgers. Single Entry Book-keeping.

In the treatment of the above the following matters will be included:—Cheques, Bills of Exchange and Promissory Notes; Goodwill; Classification of Assets; Bad debts; Depreciation, Reserves and Sinking Funds; Consignment, Joint Venture and Contract Accounts; Partnership and Company Accounts (including the Double Account system), Capital and Revenue; Investments, Accounts Current and Average Due Dates.

Business methods — 1 The general routine of a Business House — Inward and Outward correspondence (excluding drafting), Methods of rapid communication Duplicating processes

2 The significance of Trade, Commerce and Industry, Manufacturing and Distribution House The buying and selling of goods Mercantile Enquiry Agencies Importation and Exportation of goods Documentary Bills Elementary Fire and Marine Insurance is applicable to this section Use of Card Indexes.

3. The meaning of the principal commercial terms occurring in connection with the above and the preparation of the chief documents involved, including arithmetical calculations

4 An elementary knowledge of the Indian Law of Contracts, Indian Negotiable Instruments Act and the Indian Registration Act

Elementary Economics — (The treatment of the subject should be very elementary and as far as possible it should be illustrated by reference to Indian conditions)

The subject matter and scope of Economics fundamental notions and simple definitions Relation between wants, efforts and satisfaction

Production — Factors of production Land Labour Capital and Organization

Nature and Limitations of Land Division of Labour and other factors of efficiency of labour, Organization of capital

Laws of increasing diminishing and constant returns.

Wants — Diminishing utility Value—its determination Balancing of supply and demand

Machinery of Exchange — Money and its functions Qualities most desirable in currency—Legal tender—Token money—Gresham's Law—Paper Currency—Convertible and Inconvertible credit—Credit instruments—Bills of Exchange - Cheques

Indian Currency.—The Gold Exchange Standard—The Gold Standard Reserve, Council Bills—Reverse councils—Indian Currency during and since the war—Indian Banks and the chief functions performed by them—the Imperial Bank the Exchange Banks and Indian Joint Stock Banks.

Distribution.—Rent—interest—wages—profits (with particular reference to Indian conditions).

Books recommended :—

PENSON: Economics of Every Day Life, Part I.

MORELAND: Introduction to Economics.

JEVONS: Money and Banking in India.

Commercial Geography. A. *General.*—I. (a) Physiographic Control of Commerce. Climate. Effect of climate on vegetation. Vegetation regions. Distribution of important commodities as wheat, rice, cotton, barley, flax, jute, etc., and conditions under which they are severally produced.

(b) Vegetation, its relation to industries.

(c) Trade routes connecting the most important regions producing the different commodities as studied above and the important markets for them. Ports Localisation of Industries.

II. A study of the various types of geographical regions from the stand point of commerce, particularly of the West marginal type in Europe, the East marginal type in Monsoonal Asia, and of continental types in N. America

This would imply an intelligent study of the physical features of the different regions, more particularly in relation to their effect on climate, agricultural production, and the easiest lines of inland communication, whether by water, road or rail. Special attention should be paid to the geographical distribution of industries.)

B. *India.*—A study of the Commercial Geography of India on the regional basis involving the study of:—

(a) Surface features and physical structure.

- (b) Climate
- (c) Agricultural products
- (d) Irrigation—the canal system of N. India
- (e) Distribution of minerals
- (f) Industries—Present condition and tendencies of industries in the United Provinces
- (g) Communications*

NOTE.—In the study of regional types special attention may be devoted to the parts of the British Empire occurring in these types.

TYPE WRITING

This will be the same as for the High School Examination but of a more advanced character—the speed to be 30 words per minute

SHORTHAND

- 1 Writing in Shorthand from a passage dictated at the rate of 80 words a minute for a period of ten minutes
- 2 Writing in Shorthand from a business letter of general commercial phraseology, dictated at the rate of 80 words a minute for a period of five minutes
- 3 Transcription of both the above

HIGH SCHOOL EXAMINATION OF 1926.

A—COMPULSORY SUBJECTS.

I—ENGLISH

Three papers will be set—(1) on the prescribed course in prose and poetry with questions on grammar, idiom etc; (2) on unseen passages with questions on grammar and idiom; (3) passages in an Indian Vernacular for translation into English and a simple narrative or descriptive composition in English. In the case of candidates who offer English as their mother-tongue the third paper will consist of an essay to be written in English. There will be no oral test, but there will be an examination in English dictation.

- 2.- Children of the Motherland, by Mrs Besant
The following chapters excepted —

Part I { Chapter VIII—The Founder of Sikhism
" X—Haridas

3. School Favourites, from which the following poems are prescribed —Lochinvar, The Poet's Song, The Honest Man, The Plate of Gold, The Deserted Village, To a Water fowl, To the Cuckoo (Wordsworth), The Daffodils (Wordsworth), Alexander Selkirk, A Psalm of Life, Ring out Wild Bells, The spacious Firmament,

or

Group C —

1. Longmans' Matriculation Selections, from which only the following are prescribed —
The Gorgon's Head, The Miraculous Pitcher, The Fingnics, The Derwish's Story, History of the Poet Asl at The Adventures of Three Shipwrecked Boys on a Coral Island of the South Seas A Lesson of Faith, The Law of Authority and Obedience, Red Snow, An Adventurous Journey, Larly Rising, Reading, Rural Life in England From the Story of Aladdin or the Wonderful Lamp

- 1 The African Magician
- ' The Cave of the Lamp
- 3 The Genie of the Lamp
- 4 Aladdin's Marriage

2. A Book of Golden Deeds by Yonge, from which only the following stories are prescribed —

- How One Man has saved a host
- The Pass of Thermopylae
- The Two Friends of Syracuse.
- The Last Fight in the Colosseum
- Faithful till Death.

Children of Blentaran Ghyll.
 Casal Noo.
 The Mad Dog.
 Monthyon Prizes.
 Discipline.

3. Indian Schools Book of Verse, from which the following poems are prescribed :—King Bruce ; The Slave's Dream ; The Lotos Pool ; The Plate of Gold ; The Honest Man ; The Tcys ; Incident of the French Camp ; The Old Order Changeth ; Prospice ; My Heart Leaps Up ; The Tiger.

N.B.—The above text books are arranged in three alternative Groups A, B, and C, and each school is at liberty to make its own selection taking any one of the Groups or choosing from the different Groups provided the choice includes one book of Prose Selections, one book of Inspirational Stories, and one book of Poetry. Candidates taking Group A must select a book of Inspirational Stories from Group B or Group C.

Books recommended for rapid reading and indicating the standard of the unseen passages to be set in the second paper :—

In England, by S. G. Dunn. *Macmillan & Co.* 12 annas.

Scott's Ivanhoe (abridged) by P. Wren. *Oxford University Press, Hornby Road, Bombay.* Re. 1.

Stories from the Arabian Nights (Senior Series), *Longmans' Green & Co.* 8d.

English Readings by E. S. Oakley, Principal, Ramsay College, Almora. Re. 1-4.

Longmans' English Reading Books for Indian Students, Books 1 and 2. *Longmans, Green & Co.* Re. 1 and Re. 1-4, respectively.

Tanglewood Tales by N. Hawthorne. *Longmans, Green & Co.* 1s. Man and his Markets by L. W. Lyle. *Macmillan & Co.*

Hawthorne's Tanglewood Tales, Parts 1 and 2. Edited by J. H. Fowler. *Macmillan & Co.* 1s. each.

A Naturalist on the Amazon by H. W. Bates.
Abridged and edited by F. A. Brnton Macmillan & Co
2s 6d

A Persian Hero Edited by W. Grandy Macmillan & Co 1s.

Poetical Selections with Notes by P. C. Wren, K. E. J. Cooper, Educational Publishers Bombay 10 annas

The Indian Treasury of English Verse Edited with Introduction and Notes by S. G. Dunn Oxford University Press Hornby Road Bombay

The Cloister and the Hearth, by Charles Reade
Abridged and simplified by S. G. Dunn Oxford University Press, Hornby Road, Bombay Re 1

Pioneers Progress by H. of Hayens Collins Clear Type Press, London

The Story of Francis Drake by H. R. Ford Herbert Strang's Readers Grade IV Oxford University Press, Bombay

Our Great Adventure, by H. Strang	Herbert Strang's Readers Grade 3	Oxford University Press Bombay	6d	
Cedric the Saxon by H. Strang & L. L. Weeden Herbert				
Strang's Readers, Grade 3		6d	6d	

Prose Text for Junior Forms—2 volumes

Robinson Crusoe by D. Defoe edited by C. L. Thomson Horace Marshall & Son, London 9d

Rip Van Winkle by Washington Irving Edited by C. L. Thomson Horace Marshall & Son London 9d.

Sohrab and Rustum by J. C. Nesfield Eastern Fables and Folk Tales Grade IV Macmillan & Co Re 0.3-6

Some Adventures of Hatim Tai by J. C. Nesfield, Eastern Fable and Folk Tales Grade V. Macmillan & Co. Re. 0.4-0

Easier English Unseen by Professor A. C. Mukerji, M.A Published by Macmillan & Co., Ltd., Calcutta

Brave Deeds Done in the Great War, re-told by A. G. Clayton. Published by the *Christian Literature Society, Madras.* 3 annas.

Threads in the Web of Life by M. R. Thomson and A.

J. Thomson. *Macmillan & Co.* 1s. 6d.

Threads in the Web of Life by M. R. Thomson and A. J. Thomson. *Macmillan & Co.* 12 annas.

No. 43.—The Heroes or Greek Fairy Tales by C. Kingsley. *Children's Classics, Intermediate II.* *Macmillan & Co.* 3½d

No. 44.—The Little Duke by C. M. Yonge. *Children's Classics. Intermediate II.* *Macmillan & Co.* 3½d.

No. 53.—Drake and Raleigh. *Children's Classics, Senior.* *Macmillan & Co.* 4d.

No. 54.—Story of Little Nell by C. Dickens. *Children's Classics, Senior.* *Macmillan & Co.* 4d.

Arabian Nights Entertainments (illustrated). *Collins Clear Type Press, London.* 6d.

Arnold's Junior Story Readers—2 volumes.

No. 19.—Robinson Crnsoe, *Edward Arnold, London,* 2d.

No. 23.—The Tempest, *Edward Arnold, London,* 2d.

Longmans' Class Books of English Literature. The King of the Golden River by John Ruskin. (New edition.) *Longmans, Green & Co., Bombay.* 6d.

Hereward the Wake by C. Kingsley. Abridged and simplified by H. Martin *Oxford University Press, Bombay.* Re. 1.

The Prisoner of Zenda by Anthony Hope. Abridged and simplified by E. V. Rieu. *Oxford University Press, Bombay.*

The "A. L." Bright Story Readers.—No. 261.—The Coral Island by R. M. Ballantyne. *E. J. Arnold & Son, Leeds.* 4d.

The Wonderful Voyages of Gulliver.—Re-told by Mrs. E. L. Elia. *George G. Harrap & Co., London.* 5 annas.

Hereward the Wake—Re told for Boys and Girls (Historical Romances Series) by A F Jackson T C & E C Jack, London 9d

Stories of Robin Hood—Told to the Children by H E Marshall, with Pictures by A S Forest T C & E C Jack, London 15 annas

For Classes IX and X

The "A. L." Bright Story Reader, Grade S no 78
The Tower of London by W H Ainsworth Alridged by
W H Webster E J Arnold & Son Leeds 7d

For Class IX

The 'A. L.' Bright Story Readers, Grade 1—No 136—
Caliph for a Day (Arabian Night's Entertainments) newly
told by J B Marshall E J Arnold & Son Leeds 5d

For Class X

Last of the Barons—Re told for Boys and Girls (Historical Romances Series) by C E Smith T C & E C Jack, London 9d.

Forest Days—Re told for Boys and Girls (Historical Romances Series) by A F Jackson T C & E C Jack, London 9d

Greyc and Poetiers—Re told for Children (Historical Romances Series) by A F Jackson T C & E C Jack London 9d

Ivanhoe—Re told for Children (Historical Romances Series) by A F Jackson T C & E C Jack, London 9a

Stories from Tagore Macmillan & Co Re 1

II—MATHEMATICS

There will be two papers each of three hours—one in Arithmetic and Algebra and the other in Geometry and Mensuration

(a) SYLLABUS

1 Arithmetic—Notation and numeration The four simple rules The four compound rules in British and

Indian money and in Indian weights and measures in common use in the United Provinces. British and Metric system of measuring length, area, volume, capacity and weight, Factors. Prime numbers G. C. M. or H. C. F. by factors. L. C. M. Vulgar fractions. Vulgar fractions of concrete quantities. Practice. Decimal fractions (excluding theory of recurring decimals). Decimal fractions of concrete quantities. Square root. Ratio. Simple and compound proportion. Proportional parts. Average. Decimal approximations (including approximate value of recurring decimals). Contracted methods in the four rules in decimals. Percentages. Profit and loss. Simple and compound interest. Present worth and true discount. Problems (the use of algebraical equations is allowed in solving problems.)

2. *Algebra*.—The four simple rules. Fractions. Greatest common measure. Least common multiple. Factors. Proportions. Simple Equations of one or more unknown quantities with easy problems. Square root. Quadratic equations of one unknown quantity with easy problems. Graphs of statistics. Graphs of straight lines. Graphical solution of linear simultaneous equations. Simple graphical problems.

N. B.—Candidates will be provided with squared paper, if necessary.

3. *Geometry*.—The course includes both practical and theoretical Geometry, and every candidate will be expected to answer questions in both branches of the subject. The questions on Practical Geometry will be set on the constructions contained in the annexed schedule A, together with easy extensions of them. All figures should be drawn accurately, for which purpose every candidate should provide himself with a graduated scale, a pair of set squares, a protractor, a compass, and a hard pencil. The questions on theoretical Geometry will consist of theorems contained in the annexed schedule B together with easy extensions and deductions with numerical illustrations. Any proof of a proposition will be accepted which appears to the examiners-

to form part of a systematic treatment of the subject the order in which the theorems are stated in schedule B is not imposed as the sequence of their treatment. In the proof of the theorems hypothetical constructions will be permitted.

B.—Candidates will be provided with squared paper if necessary

SCHEDULE A

Bisection of angles and of straight lines

Construction of perpendiculars to straight lines

Construction of an angle equal to a given angle

Construction of parallels to a given straight line

Simple cases of the construction from sufficient data of angles and quadrilaterals

Division of straight lines into a given number of equal parts

Construction of a triangle equal in area to a given polygon

Construction of tangent to a circle and of common tangents to two circles

Simple cases of the construction of circles from sufficient data

Construction of rectangle equal to a given polygon

Construction of a rectangle on a given base equal in area to a given rectangle

Construction of a square equal to a given rectangle

Construction of a rectangle of given area the sum or difference of whose sides is given. (These constructions should be based on the propositions on the Geometry of the circle.)

Construction of a fourth proportional to three given straight lines and a mean proportional to two given straight lines.

Construction of regular figures of 3, 4, 6, or 8 sides in or about a given circle

SCHEDULE B.

Angles at a point.

If a straight line stands on another straight line, the sum of the two angles so formed is equal to two right angles; and the converse.

If two straight lines intersect, the vertically opposite angles are equal.

Parallel Straight Lines.

When a straight line cuts two other straight lines, if—

- (i) a pair of alternate angles are equal, or
- (ii) a pair of corresponding angles are equal, or
- (iii) a pair of interior angles on the same side of the cutting line are together equal to two right angles, then the two straight lines are parallel; and the converse.

Straight lines which are parallel to the same straight line are parallel to one another.

Triangles and Rectilineal Figures.

The sum of the angles of a triangle is equal to two right angles.

If the sides of a convex polygon are produced in order the sum of the angles so formed is equal to four right angles.

If two triangles have two sides of the one equal to two sides of the other, each to each, and also the angles contained by these sides equal, the triangles are congruent.

If two triangles have two angles of the one equal to two angles of the other, each to each, and also one side of the one equal to the corresponding side of the other, the triangles are congruent.

If two sides of a triangle are equal, the angles opposite to these sides are equal; and the converse.

If two triangles have the three sides of the one equal to the three sides of the other, each to each, the triangles are congruent.

If two right-angled triangles have their hypotenuses equal, and one side of the one equal to one side of the other, the triangles are congruent.

If two sides of a triangle are unequal, the greater side has the greater angle opposite to it, and the converse.

Of all the straight lines that can be drawn to a given straight line from a given point outside it the perpendicular is the shortest.

The opposite sides and angles of a parallelogram are equal; each diagonal bisects the parallelogram and the diagonals bisect one another.

If there are three or more parallel straight lines and the intercepts made by them on any straight line that cuts them are equal then the corresponding intercepts on any other straight line that cuts them are also equal.

Areas

Parallelograms on the same or equal bases and of the same altitude are equal in area.

Triangles on the same or equal bases and of the same altitude are equal in area.

Equal triangles on the same or equal bases are of the same altitude.

Illustrations and explanations of the geometrical theorems corresponding to the following Algebraical identities —

$$k(a+b+c+\dots) = ka + kb + kc + \dots$$

$$(a+b)^2 = a^2 + 2ab + b^2$$

$$(a-b)^2 = a^2 - 2ab + b^2$$

$$a^2 - b^2 = (a+b)(a-b)$$

The square on a side of a triangle is greater than equal to or less than the sum of the squares on the other two sides according as the angle contained by those sides is obtuse, right, or acute. The difference in the case of inequality is twice the rectangle contained by one of the two sides and the projection on it of the other.

Loci.

The locus of a point which is equidistant from two fixed points is the perpendicular bisector of the straight line joining the two fixed points.

The locus of a point which is equidistant from two intersecting straight lines consists of the pair of straight lines which bisect the angles between the two given lines.

The Circle.

A straight line drawn from the centre of a circle to bisect a chord which is not the diameter is at right angles to the chord ; conversely the perpendicular to a chord from the centre bisects the chord.

There is one circle and one only which passes through three given points not in a straight line.

In equal circles (or in the same circle), (i) if two arcs subtend equal angles at the centres, they are equal ; (ii) conversely, if two arcs are equal, they subtend equal angles at the centres.

In equal circles (or in the same circle), (i) if two chords are equal, they cut off equal arcs ; (ii) conversely, if two arcs are equal, the chords of the arcs are equal.

Equal chords in a circle are equidistant from the centre ; and the converse.

The tangents at any point of a circle and the radius through the point are perpendicular to one another.

If two circles touch, the point of contact lies on the straight line through the centres.

The angle which an arc of a circle subtends at the centre is double that which it subtends at any point on the remaining part of the circumference.

Angles in the same segment of a circle are equal ; and if the line joining two points subtends equal angles at two other points on the same sides of it, the four points lie on a circle.

The angle in a semi-circle is a right angle, the angle in a segment greater than a semi-circle is less than a right

angle and the angle in a segment less than a semi-circle is greater than a right angle.

The opposite angles of any quadrilateral inscribed in a circle are supplementary, and the converse.

If a straight line touch a circle and from the point of contact a chord be drawn, the angles which this chord makes with the tangent are equal to the angles in the alternate segments.

If two chords of a circle intersect either inside or outside the circle, the rectangle contained by the parts of the one is equal to the rectangle contained by the parts of the other.

4. Measurement—Areas of rectangle, circle, triangle and (after measurement) of any rectilineal figure Length of the circumference of a circle

The following books are suggested—

For Algebra—

Ross Elementary Algebra Part I, Longmans Green & Co.

BAKER and BOURNE Elementary Algebra Part I A. Bell & Sons.

H. S. HALL School Algebra Parts I—II, Messrs Macmillan & Co.

In Geometry—

HALL and STEVENS A School Geometry Parts I to IV, Messrs Macmillan & Co

For Arithmetic—

Grant's Advanced Arithmetic Indian School Supply Dep't Calcutta

III.—HISTORY AND GEOGRAPHY

There will be two papers, each of three hours—one in History and the other in Geography.

History

Syllabus—Outlines of Indian History from the earliest time to the present day, and Outlines of English History from 1485.

The following books indicate the scope and standard of knowledge required :—

Indian History.

V. A. Smith.—Oxford Students' History of India (Oxford University Press, Calcutta).

Thompson.—History of India (Christian Literature Society, Madras).

Har Prasad Shastri: History of India (Blackie).

Hoernle and Stark: A History of India (Orissa Mission Press, Cuttack).

Students' Atlas of Indian History (Macmillan).

English History.

J. S. Lay: The English People (Macmillan).

Oman: Junior History of England (Arnold).

Geography.

Syllabus.

I. (a) Shape of the Earth, rotation and revolution; latitude and longitude, simple map projections; duration of day and night; seasons.

(b) Outlines of the relief and drainage of the lands and the nature and origin of the chief land-forms, including coastal configuration.

(c) The atmosphere. Weather and climate. Seasonal-distribution over the globe of insolation, temperature, pressure and rainfall. Winds; Ferrel's law, Buys-Ballots, law, cyclones and anti-cyclones. Climatic regions.

II. (a) The world treated according to its major natural regions. The knowledge of the principles of physical geography and of the geographical distributions should be applied to the study *in outline* of the major natural regions of the world.

(b) The influence of his environment on man, his activities, his industries; exchange of commodities; communications; growth of towns.

III Geography of India in fuller detail

Books recommended —

Mackenzie and Tydeman *The World in Outline* (Ind in Press Allahabad Re 1)

Herbertson *Junior Geography* Oxford University Press, 3s 6d

Herbertson (F D) *Elementary Geography Vol Physiography*

L F Strange *Junior Course of Comparative Geography* George Philip & Son 3s Fleet Street London 3s 6d

Morel or *Junior Geography of India Burma and Ceylon*, T Nelson & Sons London 1st annas

Morrison *New Geography of the Indian Empire and Ceylon* Nelson Re 1

Indian School Atlas Oxford University Press Is

Bartolomew's *New Indian School Atlas*

Books for teachers —

Herbertson *Senior Geography* (Oxford University Press) 3s 6d

Mill *International Geography* Macmillan 12s

Tar and McMurry *World Geography* Macmillan 5s

Chisholm *Smaller Commercial Geography* Longmans 3s 6d

Lyde *Men and His Markets* Macmillan 9s

Herbertson *Man and His Work* (Black) Is 6d

Davis *Physical Geography* (Ginn) 5s 6d

Mill *Elementary Realm of Nature* (Murray) 5s

Unstead and Taylor *Essentials of World Geography* Philip 9s

Books recommended for general reading for boys —

High *Indian Geography* Nelson

Lands and their Stories Blackie

Peeps into Many Lands Blackie

IV.—VERNACULAR (HINDI, URDU, BENGALI, etc.).

There will be two papers, each of three hours in each of these languages : one paper will be set in Prose and Unseen, and the other in Poetry and Composition. Grammatical questions will be set in both the papers. The ability of the Urdu candidates to read *shikast* will be tested by means of a paper set for the purpose.

The following are the text-books prescribed :—

Hindi.

1. Ram Charita Marsa, abridged by Shyam Sunder Das.

2. Abhigyan Shakuntala Natak by Raja Lakshman Sinha (in Prose and Verse):

or

Hindi Selections in Prose and Poetry. (Published by Ram Dayal Agarwala.)

3. Sankshipt Hindi Vyakarana compiled by Pandit Kamta Prasad and published by Nagri Prachari Sabha, Benares;

or

Hindi Grammar by Pandit Madho Prasad Pathak.

Urdu.

1. Guldasata-i-Adab by P. Manohar Lal Zutshi (Indian Press, Allahabad);

or

Tuzuk-i-Urdu by Muhammad I-mail (Newal Ki-hore Press, Lucknow).

2. Sarmaya-i-Urdu by M. Ahmad Ashraf, Retired Head Maulvi, Government High School, Allahabad.

3. Qawaaid Urdu for High Schools by Maulvi Jamal Uddin Haidar

For *Shikast*, the book recommended is—

Inshai Jadid (Majmua Kaghzat Karrawai), Part II by M. Asmatullah, 2nd Maulvi, Government High School, Meerut. (Lala Kedar Nath, Publisher, Meerut.) 5 annas.

Bengali

- 1 Sitar Vanabasi by Pandit Ishwar Chandra Vidya-sagar (Prose)
- 2 Katha O Kahini by Rabindra Nath Tagore (Poetry)
- 3 Mahabharatiya Niti Kaitla in Bengali, Parts I and II by Rajendra Nath Kanji Lal 3 Madan Mittra Lane, Calcutta Rajendra Chandra Ghosh 38 Cornwallis Street Calcutta 12 annas each
- 4 Bhasha Bodh Vyakaran by Nakuleshwari Vidya-bhushan Re 1

Parbat

- 1 Mahabharata (Gudaparva Striparva Sauptikaparva) — Prabhakari Company Benares
- 2 sankhipta Ramayana published by the Superintendent, Education Department Nepal
- 3 Nepali Grammar by Pts Parasmani Pradhan and Sheeshmani Pradhan halimpung

Marathi

Prose—Gadyaratnamala by S. G. Dapat

Poetry—(1) Moropant's Keknali by Professor Sridhar

Vishnu Paranjpy published in the *Nir
aj Sagar Press, Bombay, and*

*(2) Raghunath Pandit's Naladmayantisavayam-
barakhyan* only 224 verses as published
in the Navamit by the late Mr. Parasha-
rampant Godbole

*Grammar—R. B. Joshi's Marathi Grammar—Pran-
dhabodha*

Recommended for the use of teachers—*Marathi Gram-
mar* by M. K. Damle (Published by the Induprakash
Bombay)

Gujrati

Karanglo by Nand Shankar.

Lareya Dehan, about 100 pages of the portion contain-
ing Nalakhyan

Grammar—Taylor's Gujrati Grammar

Urīya.

Prabandhamala, by M. S. Rao, pages :—115.
Jagannathdas—Bhagabata. XI Skandha.

Telugu

Prose—Nitichendica Sandhi by K. Veersalingam.
Poetry—Plaskurusa Kamu. The whole.

Tamil.

Tamil Text-book (for Group C) published by order of the Director of Public Instruction, Madras, by S. P. C. K. Press, Vepery, Madras.

B.—OPTIONAL SUBJECTS.

I—CLASSICAL LANGUAGES.

There will be two papers, each of three hours, in each of these languages: the first paper will be in the prescribed texts and Grammar, and the second paper in Translation, Composition, and Unseen.

SYLLABUS.

(a) Sanskrit.

Paper I (a) Text-books. (i) Mitra-labba (*Hitopadesha*) and (ii) Bhartrihari—*Nitishataka*.

NOTES.—1. No particular edition is prescribed: any objectionable passages may be omitted by teachers

2. The students should be taught to understand the passages with context and the substance and to learn the Paraphrase, i.e., the synonyms of the words in Sanskrit, analysis of the compounds, Sandhis, and the prose order of the poetry pieces

(b) *Grammar.*—Simple Sandhis. Declension of nouns and pronouns of frequent occurrence, conjugation of verbs of frequent occurrence, but omitting those of adadi (अदादि), rudhadī (रुद्धादि), juhnyadī (जुहन्यादि) and kryadī (क्रगादि) classes, in लङ्, लाट्, लङ्, विघ्निङ् and लट् only.

Books recommended in Grammar —

1. First Book Sanskrit by Bhandarkar
- 2 R. K. Banerjee's Sanskrit Grammar.
3. Saṃskrit Prathama Postak (संस्कृत प्रथम पुस्तक) by Professor Ram Bibari Lal, D.A.V. College, Cawnpore
- 4 Upakramanika (उपक्रमणिका) printed by Khadga-vilas Press, Bankipore.

N.B.—Questions on Grammar exclusively should be asked from the prescribed books as far as possible and should carry about one third of the total marks

Paper II — Unseen and Translation —

(a) Selected passages from books recommended for rapid reading and from others of equal difficulty for translation into the vernacular of the candidate, (b) substance of easy passages from the abovementioned books to be expressed in English, and (c) translation of easy English prose sentences into Sanskrit

Book recommended for rapid reading —

Kusuma mala (part I) by V. S. Apte

Book recommended for composition —

Sanskrit Teacher by K. P. Trivedi

¹ Note — Sanskrit must be written in the Devanagari character.

(b) Arabic

Prescribed course—

Majamil Adab by Louis Cheikho, published by Anwar Ahmadī Press, Allahabad, or Sallam ul adab (published by Rai Sayeb Munshi Gulab Singh Mufid : Am Press, Lahore) Grammar—Mabadiul Arabia مبادی عربیہ Urdu edition edited by Maulvi Izzat Ullah (C. Majidi Press, Cawnpore)

Books recommended for rapid reading مداریج مداریج القرآن, published by Mujtabai Press, Delhi.

Note — Arabic words must be written in the Arabic character

Book recommended for the use of teachers :—*

Anglo-Arabic Stories, by Maulvi Abdul Bashir Muhammad Osman Ghani, A. S. Ahmad-ur-Rahman, 41, Kalta Bazar, Dacca, 10 annas.

(c) Persain.

Prescribed course—

(i) Text—

Prose—Gulistan, by سعدی and بیباچہ (excluding جلال سعدی and بیباچہ, from which میر انسار کے تقریب, علیہ اللہ کا نسلان to آغاز داستان دا بشلیم omitting from پیش از انکھ و انکا to half line).

Ruqaat Alamgiri.—

- (۱) رقصہ مہین بور خلافت فرزند و حضرت اعلیٰ
 - (۲) رقصہ مہین بور خلافت باوجود والسلام علی من اتبع الہدی
 - (۳) رقصہ مہین بور خلافت منعم خان زوں باش - والدعا
 - (۴) رقصہ فرزند سعادت توام عالیجہا من معاف داؤند
 - (۵) رقصہ فرزند عالیجہا این نقل زداني میلش بکھ باشد
 - (۶) فرمان بنام شاهزادہ سوم دراز کشید والسلام
 - (۷) فرمان بخط انور در حالت نوع الوداع
 - (۸) رقصہ فرزند عالیجہا به اظہار جاسوسان ریاست و ملکداری کنان
 - (۹) رقصہ - ما که پان نمی خوریم والمنته
 - (۱۰) نقل شقہ شاہ عالیجہا عمال نکونتہ این
- Poetry.—Bostan, the Syllabus for 1921 (excluding 6, 7 and 8), Qasaids Saadi, Qasaids beginning with.
- (۱) ایہا الناس جہاں جائے تن آسانی نیست

* In connection with the books recommended for the use of teachers in this prospectus, it should be noted that there are in addition a number of books approved for the use of teachers generally (vide list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools, dated the 31st July, 1916, and its supplements issued annually.

- (۱) حوش است سر و دریعا که حاره‌ای بیست
 (۲) متحمّل چو نے اپنائی ھہانی بیست (بڑی)
 (۳) علم دولت تو دوو د صدر ڈھنڈست
 (۴) چو مزد رو ڈو (اندر رہا) حق نایت ندم گردید
 (۵) جان بُو آب نبادست د، دنگی بُر باد

(ii) Grammar—Qawaids Farsi by Jalaluddin Ahmad Jafari, published by Anwar Ahmadi Press Allahabad or Qawaids Farsi—Amali، راجعہ طاری علی by Maulvi Ishaq Ali of Allahabad University (Indian Press Allahabad)

Rapid Reading—Farsi Jadid, Part II (2nd edition),
 by Maulvi Sayed Muhammad Ali
 Iranī Professor H. E. H. the
 Nizam's College Hyderabad Deccan or
 بیرون داشت Ayar Danish as
 published by Anwar Ahmadi Press,
 Allahabad.

Students who offer Persian are required to have such a knowledge of the Etymology of the Arabic language as will enable them to explain all Arabic words and phrases which may occur in the text books and in the books recommended for rapid reading in Persian.

Note—Persian words must be written in the Persian character

(d) Latin

Two papers will be set as follows —

Paper 1 — Prescribed Prose and Poetry

Text-books —

Prose — Cæsar De Bello Gallico Books IV and V.

Poetry — Virgil Aeneid, Books II and III

Paper 2 — Grammar Composition and Unseen

Paper 1 shall contain passages from the prescribed books together with questions relating to subject-matter and language.

Paper 2 shall include (a) questions on Grammar (b) sentences for translation into Latin (c) an easy continuous

passage for translation into Latin, and (d) an easy unseen passage for translation into English, a vocabulary of the less familiar words being given.

II.—COMMERCE.

The examination will consist of two papers:—(a) one paper on business, or Commercial Practice and (b) one paper on either (i) typewriting or (ii) book-keeping.

NOTES.—1. In type-writing—theory paper of one and a half hour's duration.

2. Book-keeping paper of two and a half hours' duration.

The following is the Syllabus in each subject:—

Business or Commercial practice.—Office routine—Drafting simple business and official letters; preparation of telegrams and cablegrams, including a knowledge of simple codes. Docketing, filling, copying and despatch of letters. Ordinary postal regulations, use of postal forms, such as Money Order, V. P. P. Acknowledgment, Registration, and Insurance forms. Post Office Saving Bank Accounts. Telephone. Simple duplicating and other labour saving appliances.

Meaning of ordinary commercial terms and abbreviations. Preparation of simple commercial documents, such as indents, invoices, bills of exchange, promissory notes, statements of accounts. Nature and use of Bills of Lading and railway receipts. Simple banking transactions, involving the nature and use of cheques, deposit slips and pass books. *Time allowed—2½ hours.*

Type-writing.—There will be no practical examination on the Type-writer, but only a theory paper involving questions on—

- (a) the mechanical construction of the type-writer;
- (b) care of the machine;
- (c) display of matter, including headings and titles, centering, contractions and abbreviations; hyphenation; punctuation; stencil cutting;

adaptation of one or more characters to represent characters not given on the keyboard, corrections; erasures Time allowed—1½ hours

There will also be a second paper, consisting of Type-copying of three manuscripts. Time allowed—1 hour.

Book-keeping—Elementary theory of double entry book-keeping Preparation and keeping of the Cash Book, Bought and Sold Books, Returns Books Bills Receivable and Bills Payable Books Journal and Ledger, recording therein simple transactions involving purchases and sales, bills receivable and payable, real, personal, and nominal accounts, such as rent, salaries, interest, discounts, bad debts, and depreciation. Drawing up the Trial Balance. Closing the Ledger, and preparing Trading and Profit and Loss accounts, and Balance Sheet. Simple banking transactions involving the nature and use of cheques, Deposit slips, and Pass Book, and preparation of Bank Reconciliation Statements. The nature and use of Bills of Exchange and Promissory Notes Petty Cash and Imprest Systems

III.—SCIENCE (PHYSICS AND CHEMISTRY)

No candidate shall ordinarily be admitted to the examination in this subject who has not taken the optional science course in Classes VII and VIII

The examination will consist of two papers, one in Physics and one in chemistry, each of three hours

Physics

SYLLABUS.

Definitions of Physics and Chemistry. Measurements of length, area volume, mass and weight, the Balances Density, specific gravity. Principle of Archimedes. The three states of matter Simple barometer.

Heat.—Expansion of solids, liquids, and gases, temperature, thermometers, melting and boiling points, conduction, convection, and radiation. Unit of heat, specific heat, change of state, latent heat.

Light.—Rectilineal propagation of light. Reflection, refraction, mirrors, simple lenses, and prisms. Position of object and image.

Magnetism.—Attraction and repulsion, magnetization, terrestrial magnetism, magnetic meridian. The compass.

Electricity.—Production by friction. Attraction and repulsion. The electroscope, conductors, and insulators

A simple cell, magnetic and heating effect of a current.

Chemistry.

Common properties of matter—Hardness, porosity, brittleness, solid, liquid, and gaseous states. Change of state. Melting and boiling points. Crystalline shape. Effect of heat on common things. Solution in water. The above to be studied with NaCl , KNO_3 , CaCO_3 , Na_2CO_3 , CuSO_4 , FeSO_4 , ZnSO_4 , Fe, Zn, Sn, Mg, Pb, Hg and P.

Solution, melting, evaporation, distillation, filtration—solution in water and alcohol. Slow and rapid evaporation, saturated solutions.

Crystallization studied with solutions in water and melted sulphur. Distillation of water. Elementary and compound substances. Metals and non-metals. Chemical symbols, chemical action, the laws of definite and multiple proportions, atoms, molecules, atomic and molecular weights, valency, relation between equivalent and atomic weight. Simple formulae and equations.

Study of air—Rusting of metals, oxidation, active and inactive gases in air. Burning of phosphorus. Meaning of combustion, slow combustion studied with Fe, Mg, P.

Oxygen gas—Prepared from oxide of Hg, and KClO_3 . Important properties.

Preparation and properties of the following:—

H, N, NH_3 , Cl, HCl , HNO_3 , CO_2 .

Study of water—Action of steam on red hot iron filings
 Action of Na on water Action of Mg on water Electrolysis of water

L O R S.—The detailed course given below indicates the minimum amount of practical work required to be performed by students and suggests a method of treatment of the syllabus for the guidance of teachers. They may substitute other experiments of equal educational value. Practical work should be co-ordinated with the theoretical work and follow it consecutively as far as possible. The practical experiment should be performed individually so far as can be arranged.

The use of stencils in answering question papers in science is not allowed

Four years' course in Science

V.D.—Experiments marked by an asterisk in the syllabus for classes VII and VIII may be done in class VI if classes VII and VIII are large; in VII as for practical work limited or the time-table to Science restricted to only 8 periods of $\frac{1}{2}$ hour each per week

FIRST YEAR

(Class VII)

Subject	Detailed syllabus.	List of experiments which should be done by the pupils
Length	Unit in British system and Metric system Calculations. Measurement of straight line Measured extent of curved lines. Rules for the length of the circumference of a circle	1 Find the number of cm. in 1 inch 2 Measure the circumference and diameter of a circle and to find the value of π
Area	Units in British system and Metric system Rule for area of a rect. angle. Calculations Use of squared paper to find the area of figures other than rectangles Formula for the area of a triangle	3 By squared paper prove the formula for the area of a rectangle 4 By squared paper find the area of a triangle and irregular figures

Subject.	Detailed syllabus.	List of experiments which should be done by the pupils
Volume	Units in British and Metric system. Rule for the volume of a rectangular solid. Calculations. The graduated cylinder	5. Use of graduated cylinder to find the volume of large solids and the capacity of large vessels.
	The Burette ..	6. Use of burettes to find the volumes of small solids and the capacities of small bottles
Weight ..	'Distinction between mass and weight. Units in British system and Metric system. The balance.	7. Simple exercise in weighing, e.g., find the number of gm. in 1 ounce
Density	Definition ..	8. Find the density of solids, being given rectangular pieces
	Calculations ..	9. *Find the density of common liquids by means of burette
Heat ..	Expansion of solids, liquids and gases by heat. Construction of a thermometer. Explanation of Centigrade thermometer	10. Simple observations with the thermometer, e.g., find the boiling points of water and alcohol.

SECOND YEAR.

(Class VIII.)

Subject	Detailed syllabus	List of experiments which should be done by the pupils
Heat ..	Comparison of Centigrade and *Fahrenheit thermometers. Calculations.	1. Observation with thermometer, e.g., cooling curve for water.
Area ..	Formula for the area of a circle. Calculations.	2. By means of squared paper or by weighing find the ratio of the area of a circle to the area of the square on its radius.

THIRD AND FOURTH YEARS.

(Classes IX and X.)

Classes IX and X will have six periods of Science per week—for at least 27 working weeks; this gives a total of 162 periods in Class IX.

Subject.	Detailed syllabns.	Minimum list of experiment which should be done by the pupils individually.
Heat	Unit of heat. Quantity of heat. Calculations. Specific heat. Latent heat. Latent heat of vaporisation.	1. Determination of specific heat of solids. 2. Latent heat of fusion of ice. Latent heat of vaporisation of water.
	Effect of dissolved substances on boiling point. Distillation. Purification of water.	To find B. P. of solutions of calcium chloride. Solution of differing strengths. To find tubes, bore corks, set up apparatus for distillation and find B. P. before and after distillation.
Chemistry	Elements and compounds.	To examine the elements sulphur, copper, lead, mercury, zinc. To examine the compounds, ferrous sulphate, copper sulphate, lead oxide; mercury oxide and regain the elements.
	Metals and non-metals, properties:— <i>The atmosphere.</i> Combustion, active and inactive air.	Burning a candle in a bell jar. Repeat with sulphur, phosphorus. To measure the proportion of air used up when a substance burns in air.
	Rusting	To show iron will not rust in dry air. To measure the air used up when iron rusts in air.
	Increase in mass in rusting and burning.	To show increase in mass when magnesium and iron burn in air and when iron rusts in air—when a candle burns in air.

Subject	Detailed syllabus	Minimum list of experiments which should be done by the pupils individually
	Explanation of above. Introduction of terms 'Oxygen' and 'Nitrogen' — Oxygen Metals and non metals Oxide Nitrogen Its use in the atmosphere. .	Preparation from manganese dioxide and potassium chlorate in small quantities and on large scale from manganese dioxide and potassium chlorate its properties To show loss in mass when potassium chlorate is heated.
	Water not an element Resumé of above. Introduction of term, 'Hydrogen'. Preparation of Hydrogen and its properties.	Action of sodium on water Action of magnesium on boiling water Action of steam on iron Examination of oxide of iron formed Increase in mass Comparison with iron rust
	Carbon . .	From zinc and sulphuric acid What happens to the zinc What happens when hydrogen burns in air Explosion of hydrogen with air Electrolysis of water and its composition by volume Action of hydrogen on copper oxide when heated (Lecture room)
	Demonstration lesson. Carbonic acid gas Chalk	Properties and varieties Formation when carbon or carbonaceous matter burns in air Effects of acids on chalk Examination of the gas, properties of gas obtained by effect of strongly heating chalk Examination of lime difference between properties of chalk and lime loss in mass on heating chalk

Subject.	Detailed syllabus.	Minimum list of experiments which should be done by the pupils individually.
Light ..	Resume of above. Animal and plant life. Reflection of light by plane mirrors. Laws of reflection. Images. Reflection of light by concave spherical mirrors. Focal length of concavo spherical mirrors. Position of object and image. Refraction of light. Laws of refraction. Refractive Index prisms, path of a ray of light through a prism. Lenses. Focal length of a convex lens Position of object and image. Magnet	Formation of oxygen by plants. 1. Verification of the "Angle" law of reflection at plane mirror. 2. Finding the focal length of concave mirror. 3. Verification of the law of refraction of light 4. Tracing the path of ray of light through a prism. 5. Focal length of lens. -
Magnetism	Magnetic attraction and repulsion. Magnetization and demagnetization. The earth as magnet. Magnetic meridian. The compass. Production of electricity by friction. Electrical attraction and repulsion. Two kinds of electrification. The electroscope. Conductors and insulators.	6. Verification of the law of magnetic attraction and repulsion. 7. Making a magnet. 8. Demagnetizing a magnet. 9. Marking a N. S. line.
Frictional electricity.	 A simple cell. Magnetic effect of a current. Electrical bell, electric lamp. Very simple explanation of the telegraph.	10. Electrification of rods of glass, ebonite, etc. 11. Verification of laws of attraction and repulsion. 12. Charging an electroscope
Current electricity.		13. Finding by means of the electroscope whether bodies conduct or insulate. 14. Making a simple cell. 15. Finding by experiment the magnetic effect of a current on a magnetic needle.

NOTE — In class X time is left for revising the whole course in preparation for the High School Examination.

(b) Books recommended for use in chemistry —

Chemistry for Indian Schools for Standards IX and X
by E. G. Hill Professor of Chemistry, Muir Central
College, Allahabad *Indian Press, Allahabad* Re 1

Physics and Chemistry for Secondary Schools in India
Parts III and IV in one Volume by E. G. Hill and A. H.
MacKenzie, *Macmillan and Co., 1918* Re 1-8

*Books recommended for the use of teachers —

Practical Chemistry volumes 1 and 2 for Standard VII of High Schools in the Bombay Presidency, by H. E. H. Pratt *Oxford University Press, Bombay* 6 annas

The following books in Physics are recommended for teachers reference library —

A class book of Physics by R. A. Gregory and H. E. Hadley *Macmillan and Co.* Lessons in Science by R. A. Gregory and A. T. Simmonds *Macmillan and Co.* Re. 1-80

A course of Physics by C. H. Draper

Popular and Natural Philosophy by Gayot

IV—AGR CULTURE (AGRICULTURAL BOTANY)

The examination will consist of two papers of three hours each, and a practical test. The first paper will be on the subject-matter in the syllabus up to and including sub-section 5—Soil and the second paper on the remaining portion

Syllabus

1 Typical Plant Mustard or Bean—Students should be supplied with entire plants dug up and the roots freed from soil by washing

A—The root arrangement of branches origin of rootlets, root hairs, root cap the woody centre as seen in cross sections

*In connection with the books recommended for the use of teachers in this Prospectus it should be noted that there are in addition a number of books approved for the use of teachers generally (*vide* list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools dated the 31st July 1916 and its supplements issued annually)

B.—*The shoot*: Cylindrical stem; nodes and internodes; apex and bud; appendages of two kinds; origin of appendages woody centre as shown in the cross-section.

C.—*The flower*: the parts; successive appearance in the inflorescence.

D.—*The fruit*: development from the pistil; ripening accompanied by withering of the plant.

2. *The Seed: Bean*—

A.—Position in, and attachment to, the walls of the fruits.

B.—Parts of the seed dissected out.

C.—Comparison with the seeds of the gourd.

3. *The seed and Germination*.—

A.—*Conditions necessary for germination* :—

(1) Water—Absorption; by dead and live seeds absorption from water, moist earth, damp air; amount of absorption; method of absorption.

(2) Air and oxygen—necessity of air; method of entry into embryo.

(3) Heat—comparison of germination at different seasons.

(4) Light—not necessary for germination.

B.—*Respiration of germinating seed*: absorption of oxygen; evolution of carbon dioxide; loss of weight.

C.—*Heat produced by germination*.

D.—*Food material stored in the seed*: starch; sugar; glutin, oil; digestion of these and the absorption by the embryo; sufficiency of these for the support of the embryo, during germination only.

E.—*Emergence of the seedling*: difference in behaviour of the cotyledons.

4. *Roots and their work*—

A.—*Tap and the true root*—adventitious roots; cuttings and layers.

v B—Direction of growth—tap, secondary and tertiary roots, influence of moisture

C—Functions of the root—

- (1) Absorption of water, root pressure
- (2) Absorption of soluble matter from the soil.
- (3) Fixation of the plant.

5. Soil—What is soil? Different kinds of soil, recognition of different kinds of soils in the field and from samples in the class-room, formation of soils, weathering, local and transported soils (To illustrate the transportation of soils the pupils should be made familiar with the formation of the soils of the Gangetic plain) Effect of tillage.

6. Water in soil—Capillary movement of water in soils, conservation of moisture, loss by evaporation, behaviour of different soils in relation to water, relations of the ordinary operations of cultivation to the conservation of moisture, effect of tillage upon the conservation of moisture and on the supply of plant food, other methods to be followed for the conservation of moisture in soils, wells, percolation and spring, the principles underlying their construction, different water requirements of the various crops, local methods of irrigation, downward movement of water, drainage

7. Rainfall—Rainfall of the United Provinces, its distribution as affecting the system of cropping

8. Leaves and their work—

A—Structure of the leaf—

- (1) Parts of the leaf
- (2) Shapes, simple and compound
- (3) Veins connected through midrib and petiole with the wood of the stem

B—Function of the leaf—

- (1) Formation of starch in presence of light
- (2) Absorption of carbon-dioxide.
- (3) Re-absorption of starch.

(4) Respiration carbon-dioxide evolved.

(5) Transpiration.

C.—Successive appearance of leaves, leaf-fall.

9. Stems and their work—

A.—Forms of stems—length of internode, erect, climbing and underground stems.

B.—Structure of stems—radial or scattered bundles; secondary thickening annual rings; bark.

C.—Elongation of stems—apical growth; buds.

D.—Branching of stems—position of the lateral buds.

E.—Function of stems—arrangement of leaves; passage of food material and water.

10. Flowers and their work—

A.—Essential and non-essential organs.

B.—Pollination.

C.—Self and cross-fertilization; monoecism; dioecism
transport of pollen.

D.—Function of the non-essential organs.

E.—Growth of the ovule.

11. Fruits and seeds—

A.—Ripening of the fruit.

B.—The commoner forms of fruit.

C.—The commoner forms of seeds.

D.—Dispersal.

12. Types of plant—

A.—Free, living, saprophytic and parasitic plants.

B.—Lower forms of plants:—

(1) Alga spirogyra.

(2) Fungus mould.

(3) Fern.

**13. Interdependence of plants and their surroundings
as illustrated by the local crops and the climate of the
district.**

Note.—Candidates will undergo a course of practical work in connection with the above syllabus.

Note for the guidance of teachers in the carrying out of the practical work in connection with the syllabus in Agricultural Botany

All specimens required for demonstration purpose should be obtained before each lesson period, so that the pupil's time is always properly utilized during each lesson.

Special note-book should be kept by each pupil for practical work, neat sketches should be made and concise descriptions entered therein. These note-books must be kept properly up to date and ready for inspection by the Inspector or Examiner.

As a general rule the pupils are to be supplied with individual specimens for personal examination and description. This particularly applies to paragraphs 1 and 2 (vide syllabus).

Carter's Plant Biology published by Messrs W. B. Clive, University Tutorial Press, 25 High Street New Oxford Street, London, W.C., is recommended for the teacher only and the numbers attached to the experiments detailed below which are to be performed by the pupils refer to the number of the experiments given in that book.

3A—(i) Vide syllabus, experiments 20, 22, 29—30,
40, 43, 50

(ii) Vide syllabus, experiments 54 77 79

(iii) 96, 97

3B— , 80—82

3C— " , 84

3D— " , 103—108 109,
111 120, 121,
143 144

3E.—Compare emergence broad bean, desi sem, and castor (or cotton) plant

4B—Experiment 165—167 169—172

40—(1) Experiments 203 205 For demonstration
only 206—208

4C.—(ii) Experiments 203, 205. For demonstration only 210.

5A.—(iii) Experiments 224, 225, 226, 227.

5B.—(i) " 230, 232, 234.

(ii) " 244, 250, 251.

(iii) Experiment 241.

(iv) Experiments 276, 277.

(v) " 278, 284.

Throughout, and especially in such section as no. 11, the teacher should only explain examples of common plants growing wild or cultivated in the neighbourhood of the school.

When section 4C is reached, lessons in section 5 should be started. One-half of the lessons in each week to be devoted to sections 5, 6 and 7, until that portion of the syllabus which deals with certain elementary principles of agriculture is completed; while lessons on sections 8, 9, etc. are to follow immediately on the completion of 4C.

The following is the list of apparatus, etc., showing the minimum requirements for the above syllabus.

Note.—This list has been prepared for a class of twelve students working together. If more students have to work at the same time the number of articles to be used by each student should be increased proportionately.

If there be a doubt as to the name of any article, Messrs. Baird and Tatlock's catalogue for 1906 should be consulted :—

Name of art c/e	Quantity.	Number in Baird and Tatlock's catalogue
Chemical balances with gramme weights ..	2	120
Beakers, 8 sets 1 (60 c. c.) to 6 (425 c. c.) ..	4 dozens	933
Aspirators, 2 Litres or bigger ..	2 "	1,108
Bell jars .. { 2 without tubularies	.. { 2	1,004
{ 2 with 1 tubularie	.. { 6	1,005
{ 2 with 2 tubularies	.. { 12	1,012

Name of article.	Quantity	Number in Board and Taft's catalogue.
Bronze spit lamps	1 dozen	Pass
Oil & cream (Quart &c)	1	Do
Spirits over small	1	Do
Air oven, 9X9X9 in or 10X10X10 in.	1	1343
Water oven	1	1343
Dish washing apparatus if dish wash water is not on table		
Water bath	4	1362
Test tubes	1 gross	
tube stands	3 dozens	
holders	1 dozen	
cleaners	1	
Glass cylinders	4Cf Ca. Cl 2 (owers)	
Bottles of various sizes with stoppers	1 gross	
Glass jars	1 dozen	1363
Glass cone to fit the glass jars	1	
Corks (ordinary) var sizes & sets (rubbers) (ubber)	1 gross + dozens	
Coat hangers	2	
Muskrat skins 100 c. o.	2	1700
Bearskins	4	
Barette stands	4	
Parasols	4	
Pennant stands	4	
Thistle funnels	2 dozens	
T tubes	2 dozen	
H tubes	2 dozen	1151
Box sets & ps	2 dozen	
Plush gray cushioned stool	2 dozen	
Wash bottles	2	
W re gauze	2 yard by 1 yard	Pass
Dealing string spools	1 dozen	
Files triangular	2 "	2341
Iron set w/ ad	1	234
Retort stands w/ h clamps	4	
Te pods	1 dozen	
Triangles	1	
Thermometer 100°	2 dozens	
Glass tubing of various bores	10 lb	
Cup & try tubing	2	
Glass rod	1	
Rubber tubing of various diameters each piece	10 feet	
Microscopes (compound)	1	Any student's pattern
Dissecting microscopes	4	
Simple lenses	6	
Dissecting knives	2 dozens	
scissors, fine p fine	24 "	
Forceps, fine	4	
Scalpels	6	
Blocks glass, microscope	2 gross	

Name of article	Quantity.	Number in B. I. R.D. and T. & O. E.'s catalogue
Cover-sheets (square)	1 lb	
Microscopic prepared slides	2 sets (complete set for Caver's book)	
Barbers	11 dozens	
Culture tubes	6 "	299
" tube stands	1 dozen.	
Crucibles, porcelain, 1½ and 3 rebs.	1 "	
Porcelain basins, 3 inches	1 "	952
Germination box with glass front	23	
" " ordinary	1 dozen	Local manu- facture
Dust boxes	2	
Glass tumblers	2 dozens	Bazaar.
Small glass dishes	6 "	488
Watch glasses	6 "	Bazaar.

V—DRAWING.

The examination will consist of three papers of two hours each.

SYLLABUS.

Freehand Drawing from the flat.—To copy to an enlarged or reduced scale.

Model Drawing.—Drawing of common objects or from casts shaded, and the following geometrical solids:—

Cubes, prisms, cylinders, cones, both right and oblique right and oblique sections of these solids, wedge, sphere.

Geometrical Drawing.—(1) The theory and use of instruments, especially of the protractor and Marquoise scale.

(2) Plain block-letter writing.

(3) The whole of practical plane geometry.

(4) Drawing to scale, viz., scale of chords, diagonal scale; plain scale; comparative scales (to be done in ink).

VI—MANUAL TRAINING

The examination will consist of one paper of three hours in Drawing and a practical examination of four hours in Woodwork

(a) SYLLABUS

(1) Woodwork—

- (a) A series of models, graduated in respect of the tool manipulations involved to be made in wood from working drawings (drawn in plan, elevation, side-view and conventional isometric projection) or from a given pattern in wood the construction of the models to involve the use of one or more of the following tools: Jack Plane Try Square Marking Gauge Marking Knife Smoothing Plane, Tenon Saw, Bevel Screw Driver, Farmer Chisel, Hammer, Mallet, Bradawl, Nail Punch, Compass Farmer Gauge, Gimlet Frame Saw Spoke Slave brace and Bit, File

The following joints at least should be included amongst the models—

Half lap Housing, Mortise and Tenon Half lap Dovetail, Box-Dovetail Edge Dovetail, Bridle

- (b) The care and maintenance in good working condition of the abovementioned tools, excluding the setting and sharpening of the saw

(2) Drawing—

Drawing in plan, elevation and side view of all models in the course and in conventional isometric projection of those of a rectangular shape

NOTE—I A scheme drawn up on the above lines is given below. Teachers need not keep strictly to the particular model mentioned in this scheme, but if any changes in the models are made these should not involve changes in the new tool manipulations employed. The course should, if possible, be commenced in class VII.

2 Attention is invited to suggestions for teaching of Manual Training contained in Director of Public Instruction's circular no. 2 of 1917-18.

*(b) Books recommended for the use of teachers:—

The Teacher's Handbook of Seojd, by O. Salloman.

George Phillip & Son. 6s.

Manual Instruction, Woodwork, by J. C. Pearson.

George Phillip & Sons. 6s.

McDougall's Light Woodwork, by David Thomas.

McDougall's Educational Company, London. 1s

The Scholar's Woodwork Class-book, by T. W. Berry.
Cressell & Co., London. 1s.

Practical Drawing, by T. S. Usherwood. *Macmillan & Co.* 2s.

Educational Handwork—Junior course, by J. L. Martin and C. V. Manley. *Blackie & Son.* 1s. 6d.

Educational Handwork—Intermediate course, by J. L. Martin and C. V. Manley. *Blackie & Son.* 1s. 6d.

Educational Handwork or Manual Training, by A. H. Jenkins. *University Tutorial Press, Burlington House, Cambridge.*

The 'Self-help' course of Woodwork Exercise, by E. J. Andrews *Charles and Dille, 10, Paternoster Square, London.* 2s. net.

*In connection with the books recommended for the use of teachers in this Prospectus, it should be noted that there are in addition a number of books approved for the use of teachers generally (vide list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools, dated the 31st July, 1916, and its supplements issued annually).

VII—A MODERN EUROPEAN LANGUAGE**French**

There will be two papers of three hours each. The first paper will consist of Selections from the prescribed Texts and Grammatical questions thereon. The second paper will consist of Unseen Translation and Composition.

Books prescribed—

Ed About —Le Roi des Montagnes,

Macmillan's Edition (Siepmann's Series)

Du Camp —La Dette de Jen (Cambridge University Press)

Perrault —Contes de Fées [Edited by Faenacht — (Macmillan)] *Grammar recommended—*

French Grammar (Sonnenschein's Parallel Grammar Series).

NOTE —*Viva Voce Examination has been dropped for the present*

VIII—DOMESTIC SCIENCE

The examination will consist of two papers. The first paper will contain questions on Physiology, Hygiene, Household Management, Home-Nursing. The second will consist of the practical examination in Sewing to be held at the same time as the examination in written work. There will also be an oral test in First Aid and Home Nursing.

SYLLABUS

As a basis for the teaching of Hygiene and Home-Nursing there should be a preliminary simple treatment of the following topics of elementary Physiology —

The human skeleton, the organs of digestion, the circulation of the blood, the nervous system, respiration.

1.—*Hygiene*

NOTE.—Great importance should be attached to practical work wherever the subject admits of this.

Air.—Composition of air, ventilation, importance of pure air, impurities of air, diseases caused by impure air

Water.—Composition of water; quantity of water required; source of water-supply, springs, deep wells, surface wells, rivers, tanks, how water is polluted; now to prevent pollution of water; how to purify water; boiling and filtering.

Food.—Composition of food, composition of good diet and its importance, preservation of food, cooking of food; drinks and condiments.

Personal Hygiene.—Cleanliness of body (hair, nails, teeth, etc.), clothing; exercise; importance of temperance; the use of pan, opium, and other drugs, spitting.

Precautions against Diseases.—Infectious diseases (small-pox, measles, and diphtheria, etc.); tuberculosis; enteric fever; dysentery and diarrhoea; cholera, itch,

External Remedies — Poultices, plaster, fomentations, ice, baths—hot and cold, temperature of baths

Food — Kind of food and preparation, way of giving

The Sick Room — Administration of medicine, pulse and temperature charts, bathing changing of garments and bedding

Infectious Illness — Precautions during illness disinfection of room clothing and bedding after illness use of disinfectants

Convalescence — Occupations visitors rest sleep and food

4 — Care and Training of Children

Food sleep exercise play, clothing cleanliness surroundings

Note — As an indication of the scope and standard of instruction in Hygiene and Home Nursing teachers are referred to sections II III and IV of Personal and Domestic Hygiene for the School and Home by Mrs Harold Hendley (Rao Sabib M Gulab Singh & Sons Calcutta) also to Indian Manual of First Aid and Indian Home Nursing published by the Indian Council of the St John's Ambulance Association (Thacker Spink & Co Calcutta)

5 — Household Management

A — Choice of House Furniture and Decoration Distribution of rooms Cleaning and care of house and furniture Disposal of refuse and sewage

B — Care of the kitchen

Preparation of simple food

Two of the following groups —

(i) preparation of roti rice dal and tarkari

(ii) preparation and care of milk

(iii) preparation and care of meat (One dish only required)

C — Duties of mistress of household

Proper distribution of daily activities Accounts and budgetting of expenditure

6.—*Sewing and Cutting-out.*

Sewing.—Each candidate should select three of the following groups. A good standard of skill will be required in the various stitches required in making up garments and in mending worn articles of clothing.—

- (a) To cut and make up coat (*achkan*) or *pyjama* or shirt (*kurta*) or waistcoat for a man.
- (b) To cut out and make up *kurti* or blouse or skirt or petticoat or *pyjama* for a woman.
- (c) To cut out and make up frock, or bonnet, or *pyjama* or *bandi* for child
- (d) Drawn thread or crewel work or English embroidery or *chikan* work or *sulme sitare*.
- (e) Knitting of stockings

INTERMEDIATE EXAMINATION OF 1926

ENGLISH

There will be one paper on the prescribed Prose course and a second paper will be set on the Poetry course, and in each paper one question will be set on "Unseen" passages.

In place of the Unseen Prose passages candidates who offer English as their mother-tongue will be required to answer questions on supplementary prescribed texts.

A third paper will include (a) translation from a vernacular into English, and (b) a narrative or descriptive piece of composition in English. In the case of candidates who offer English as their mother-tongue, the third paper will consist of an Essay, together with questions on English composition and on the history of English literature from 1500, as in Hudson's outline History of English Literature (Bell & Co.)

Note.—I. In the case of books prescribed for detailed study, candidates will be expected to show a close familiarity with the text, including meaning of words, construction of sentences, historical and other allusions, as well as knowledge and understanding of the subject matter. They should be able to indicate contexts, and to paraphrase and explain any difficult passages in simple and correct English.

I In the case of books prescribed for general study, detailed knowledge of the text will not be required, but candidates will be expected to show that they have read the course with intelligence and with some appreciation. A specimen Question Paper on the books prescribed for general study is appended.

*Books prescribed—**Prose —(a) For detailed study—*

Helps—Essays written in the intervals of business

Ruskin—Sesame and Lilies, from which only the following lectures are prescribed—"King's Treasury"—and "Queen's Earless."

(b) For general study—

Dickens—Tale of Two Cities

Tagore—Hungry Stones and Other Stories

Poetry .—(a) For detailed study—

Browning—A Grammarian's Funeral.

Keats—Ode to a Nightingale.

Tennyson—Sir Galahad.

Coleridge—Ancient Mariner.

(b) For general study—

Shakespeare—Merchant of Venice.

Tennyson—The Lotus Eaters (the Choric Song excepted).

Crossing the Bar.

“Ring out Wild Bells.”

Keats—St. Agnes Eve.

Byron—‘The Defeat of Semacherib.’

There may be none of
Beauty's Daughters.

Shelley—To Nigh^t.

Newman—Lead, Kindly Light.

Whittier—The Eternal Goodness, stanzas
10 11, 16, 17, 18, 19, 20.

Tanore—Three poems from Gitanjali.
viz..

35.—“Where the mind is without fear
and the head is held high.”

45.—“Have you not heard his silent
steps?

49.—“You came down from your
throne and stood at my cottage
door.”

Supplementary prescribed texts for candidates whose
mother-tongue is English :—

Prose and Poetry—Charles Lamb, Prose and Poetry
(Clarendon Press, Oxford).

Dunn's Selections from Tenny-
son (Oxford University Press)

Note.—(a) If the total of marks will be allotted to the portions
for detailed study, 30 per cent. to the portions for general study, and 20
per cent. to Unseen passages and Grammar.

(d) Grammatical questions will be asked including Parsing, Analysis, the Sequence of Tenses and Conversion of the Direct and Indirect forms of speech.

(e) The attention of candidates is drawn to the fact that the examiners have been instructed to deduct marks for inaccuracy in English.

APPENDIX SPECIMEN PAPER ENGLISH TEST

Portions for general study

A & B — It is presumed that there will be at most three questions on this portion in the prose paper and three in the poetry paper. The following are intended only as specimen use of the kind of questions which should be expected.

Examiners should give a wide choice of questions which should be of a general nature.

Types of Questions:

I Poetry

1 — Shakespeare—Merchant of Venice

1 — Estimate of a character

e.g.—Different views have been taken of the character of Bassanio. He has been called a downright fortune hunter.

If you agree with this description give your reasons, referring to incidents in the play in support of each point you mention. If you do not agree state with reasons your own view.

2 — Intelligent description of a scene or incident

e.g.—(a) Give a summary of the arguments used in the trial scene

(b) What characters appear in the scene in which Bassanio makes his choice? How would you arrange the actors, furniture etc. for this scene?

3 — Familiarity with the plot

e.g.—In what way are the casket story and the story of Shylock's bond brought into connection?

B — Other poems

1.—Relation of the story of a narrative poem.

e.g.—Either—

- (a) Relate in your own words the story of the destruction of Sennacherib,

or

- (b) Bring out the meaning of Tagore's poem,
“ You came down from your throne and stood at
my cottage door.”

2.—Assignment of striking passages to the poems in which they occur.

e.g.—To what poems do the following lines belong ?
By whom were they written ? :

- (a) “ Wrap thy form in a mantle grey.

Star-inwrought !

Blind with thine hair the eyes of Day.

Kiss her until she be wearied out,

- Then wander o'er city, and sea, and land.

Touching all with thine opiat wand.

Come, long-sought ! ”

- (b) “ Oh ! why wilt thou affright a feeble soul ?

A poor, weak, palsy-stricken, churchyard thing.

Whose passing bell may ere the midnight toll.

Whose prayers for thee, each morn and evening,

Were never miss'd ? ”

3.—Appreciation of beauties in language and rhythm.

e.g.—(a) Quote or refer to three passages from the poems for general study (excluding Shakespeare) to illustrate—

- (a) Sound echoing sense.

- (b) Colour in words.

- (c) Musical language.

- (b) Re-write the following passage in verse :—

They saw the gleaming river seaward flow from the inner land : far off, three mountain tops, three silent pinnacles of aged snow, stood sunset-flushed, and, dew'd

with silvery drops, up climb the shadowy pine above the woven cage

4 — Understanding of the broad differences of form which distinguish the various poems

e.g. — From the poems you have read in your course can you mention any outstanding points of difference in subject or form between the poetry of Keats and that of Tagore?

5 — Explanation of any allusions which may be of importance for the understanding of the whole poem

e.g. — Who is the speaker in the first lines of the Lotos Eaters?

II — Prose

1 — Estimate of a character

e.g. — (a) Contrast the characters of Carton and Stryver

(b) State what you know from the reading of your course of any three of the following —

Cowley Moliere Claude Duval Sir William Petty
Halley Boyle Wren

(c) Upon what characters does the humour of the story in the Tale of Two Cities depend?

2 — Subject matter

e.g. — (a) What developments in Science took place after the Restoration?

(b) Compare social conditions in England as described by Macaulay and Dickens

(c) Compare the condition of women in England in 1685 with that of the women in India at the present time in respect of education

(d) What according to Dickens were the causes of the French Revolution? Illustrate your answer by reference to incidents in the Tale of Two Cities

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e.g.—*Either—*

- (a) Relate in your own words the story of the destruction of Sennacherib,

or

- (b) Bring out the meaning of Tagore's poem,
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ستمیت چه کنارست to از نهاده این زمانه (2)

دشمنی را یکه دو دیدار to چنانچه وکیل دریا (3)

and (4) دند گفت مرا مسل ازین مقصود to

Ain-i-Akbari, vol. III, pages 291—
298, from

ما نیز چاره نسکالیم to دلخواه گفتار شاهی

بديها از شيطان دانستن to يا دارد ته پذيرت (1)

پخش ساده لوحان to هنگامه آراستن (2)

شگفت زار نيقابد to دور بین ستم (3)

Tuzuk Jahangri—from

بصفا مبدل گردید to از عنایات بینایات الہی

(as is in Matriculation course, 1912-13). Safarnamah,

اینها می رقصیدند to چه دو شنبه دوم ذیقعنیه

(as in the Intermediate course, 1913-14.)

Poetry—Diwan Hafiz, (1) to (47) Intermediate course,
1912.

Sultan Saoji Qasidas beginning with—

(۱) ای سران ملک را شمشیر تو مالک و قاب

(۲) باد ستر گھی بہوائے تو جان دعد

(۳) بدل رسیدہ سترگاہ در مقام حضور

(۴) مخم امروز و بیلے شب عصران پر سر

(۵) حوز اگر دینہ پر این رونم کند و دزے جا

Zahir Faryabi, Qasidas beginning with—

(۱) شرح غم تو لذت شادی بجان دعد

(۲) سیدنا نم چو زند اب خیمه در گلزار

(omitt the couplet خوار)

(۳) سیدنا نم چو شدم محروم سوائے سرور

(۴) چون پر فلک طلیعہ شب گشت آشکار

(ii) Grammar by مختار الفوارائد—M. H. Nasiri, chapters
I—VII (Mission Press, Allahabad).

Rapid Reading—Sear-ul Muntakhirin from—

بڑے کتبہ جہاں کیا اور حکایت دکھلے سا طبیعت طہیر الدین محمد بن ابی حسن سلطان حسین حنفی حنفی احمد بن موسیٰ الرضا دکھلے احوال بارے بارے excluding from

Students who offer Persian are required to have such a knowledge of the Etymology of the Arabic language as will enable them to explain all Arabic words and phrases which may occur in the text books and in the books recommended for rapid reading in Persian.

Note—Persian words must be written in the Persian character

III—LATIN GREEK AND HEBREW

There shall be three papers in each of these languages as follows—

Paper 1—Prepared Books

Paper 2—Unseen Passages

Paper 3—Grammar and Composition

Paper I shall include passages from the prescribed books for translation into English together with questions relating to subject-matter and language. Paper 3 shall include (a) questions on Grammar (b) sentences for translation into the classical language and (c) a continuous passage or passages for translation into the classical language.

The papers will be as follows—

Latin

Paper 1—CICERO In Catilinam I—IV

LIVY Book xxv, Chapters 1—51

VIRGIL Georgics Books I and IV.

Paper 2—Unseen Passages

Paper 3—Grammar and Composition

Greek

*Paper 1—PLATO Apology and Crito
Sophocles Antigone*

Paper 2—Unseen passages

Paper 3—Grammar and Composition

Hebrew.*Paper 1.—SAMUEL, Book I.**PSALMS, I—LX.**Paper 2.—Unseen Passages.* Genesis is recommended for rapid reading in connection with this paper.*Paper 3.—Grammar and Composition.* Duff's Hebrew Grammar is recommended.**HISTORY.**

There will be two papers in each group. A student may take either A group or B group or both.

A.—Modern History and Allied Geography.*I.—Indian History from 1000 A. D.**Books recommended :—*

LANE-POOLE, S. : Medieval India (Story of Nations Series). T. Fisher Unwin, Ltd. SMITH, V. A. : Oxford History of India, Oxford University Press.

ROBERTS, P. E. : A Historical Geography of the British dependencies—Vol. VII, India, Part I—History to the end of the East Indian Company (Oxford, Clarendon Press).

*II.—Either (a) Outlines of Modern European History from 1500 A.D.**Books recommended :—*

GRANT : History of Europe : Longmans, Green & Co.

THATCHER and SCHWILL : History of Europe, John Murray, London

ROBINSON : History of Western Europe, Ginn & Co., New York

Or (b) Modern English History from 1485, with special reference to the growth of the Empire.

Books recommended :—

WARNER and MARTEN : Groundwork of British History, sections II and III, Blackie & Son, Ltd.

KERR and RUSHBROOK WILLIAMS : Growth of the British Empire, Longmans, Green & Co., London,

B — Ancient History and Allied Geography**I — History of Greece***Books prescribed* —

EDMONDS C D Greek History for Schools Cambridge University Press

ABROT Pericles, G Putnam and Sons

II — History of Rome.*Books prescribed* —

BRYANT, E E A Short History of Rome, Cambridge University Press

SNICKERSON Augustus

GeOGRAPHY

There will be two papers. The first paper will contain questions on part I of the syllabus and the second paper on parts II and III of the syllabus.

Syllabus

I — World Geography with intensive study of the regional geography of Eurasia and North America compared or of the three southern continents compared.

Note — Teachers will be expected throughout to develop the human side of Geography including the relation of Geography and History.

II — Study of the survey map with special reference to 1 1/1000000 Survey of India and Adjacent Countries Series sheet No 43 (Srinagar) or No 52 (Leh) or No 53 (Delhi and Simla) also 1 inch Survey of India map No 63 K/8. Study of the principles of map projections. Study of the weather maps published by the Meteorological Offices Simla, and of other distribution maps.

III Economic Geography with special reference to India. The world position of India its natural resources its economic development. Man's influence over natural conditions land and water communications internal and external, irrigation. This connotes a thorough study of the distribution maps of India.

The world distribution of the following vegetable products:—

Wheat, rice, tea, coffee, vine, cotton, jute, sugar, rubber, tobacco conditions of their growth.

Books recommended:—

- I.—Russell.*—North America. Oxford. 7s. 6d.
Dawson.—North America. Vol. I. Stanford. 15s.
Gannett.—North America. Vol. II. Stanford. 15s.
Keane.—Asia. Vols. I and II. Stanford. 15s. each.
Chisholm.—Europe. Vols. I and II. Stanford. 15s. each.
Keane.—Central and South America. Vols. I and II.
 . Stanford. 15s. each.
Keane.—Africa. Vols. I and II. Stanford. 15s. each.
Mackinder.—Britain and the British Seas. Oxford.
 7s. 6d.
Hogarth.—The Nearer East. Oxford. 7s. 6d.
Little.—The Far East. Oxford. 10s. 6d.
McMunn and Coster.—A Regional Geography of Europe. Oxford. 4s.
Unstead and Taylor.—Regional and General Geography for Students (Philip). May be used as text books by the students.
Herberison.—Senior Geography, Oxford. 3s. 6d.
Mill.—International Geography. Macmillan. 12s.
Reynolds.—The Americas. Africa and Australasia. Black. 2s. each.
Thomas.—Africa and Australasia. Bell.
Bruce.—The Americas. Bell. 2s.
Wallis.—Junior Geography of the World. Macmillan. 4s.
George.—Relations of History and Geography. Oxford 4s. 6d.
Herberison.—(F. D.)—Clarendon Geographies. Vols. I and II. 3s. each.

Brown and Johnson.—The Americas (Home of Man Series) Maps—

Stanford's Maps with hand books (expensive but good)

Philips' sets of maps of the various continents and of India with explanatory hand books

Philip's sets of synthetic map (for students' use)

II—*Bacon and Philip*—Map-reading made easy Philip Dickson—Maps how they are made, how to read them Bacon 6d

Young and Fairgrieve—A class-book of Practical Geography Philip

Simmons and Richardson—An Introduction to Practical Geography Macmillan 4s

Unstead—Practical Geography Oxford 2s, 6d

Mort—An Elementary Practical Geography Blackie 2s

III—*Chisholm*—A Smaller Commercial Geography, Longmans 3s 4d

Curr Commercial Geography Black 4s

Lyde—Man and his Markets Macmillan. 2s

Herberston—Man and his Work 1s 6d

Statesman's Year Book Macmillan 18s } Every 2 or
Whitakers' Almanac 4s } 3 years.

Indian Year Book Thacker

Imperial Gazetteer of India Vols III and IV, Oxford (s each)

Atlas of Commercial Geography Cambridge University Press 3s

A School Economic Atlas Oxford. 2s 6d.

Climatological Maps of India. Meteorological department

Additional Reference Books—

Lake—Physical Geography. Cambridge University Press

Salisbury.—Physiography for Schools. Shorter Course. Murray. 6s.

Davis.—Elementary Physical Geography. Ginn. 5s. 6d.

Tarr.—Elementary Physical Geography. Macmillan. 7s. 6d.

Mill.—The Realm of Nature. Murray. 5s.

LOGIC.

There shall be two papers of three hours each: the first on Deductive Logic and the second on Inductive Logic.

Deductive Logic.

The following syllabus is prescribed :—

Definition, scopes and value of Logic. Nature of thinking. The laws of thought. The relation of thought and language. Terms and their classification. Denotation and Connotation of terms. The predicables. Formal division and definition. Propositions, their import. Reduction of statements to logical form. Distribution of terms. Nature and forms of inference. The opposition of propositions and various forms of education. The syllogism, its figures and moods. Reduction, direct and indirect. Hypothetical, disjunctive and mixed syllogisms. The Dilemma, Enthymeme, Sorites and Epicheirema. Function and value of syllogism. Analysis of deductive arguments. Fallacies.

Inductive Logic

The following syllabus is prescribed :—

The nature and presuppositions of inductive inference. Causation, its significance and importance in induction. Observation and experiment. Classification and nomenclature. Hypothesis. Imperfect induction—simple enumeration and analogy. Methods of scientific induction. Analysis inductive arguments and application of inductive methods. Explanation and establishment of laws. The relation of induction to deduction. Fallacies.

Books recommended (not prescribed) to indicate the standard of treatment of the topics prescribed —

Introductory Text book of Logic S H Mellone, Blackwood and Son Edinburgh

Intermediate Logic Welton and Monahan, University Tutorial Press, London

Groundwork of Logic Welton Macmillan and Co

ELEMENTARY ECONOMICS

Introductory.

Subject matter. Relation to other sciences The development of Economic life

Production

Relation between wants and production The factors of production

Land — Natural resources of India Soil and Climate
Sources of Power Raw materials

Labour Density and distribution of population in India Health and vital statistics Occupations

Capital — Buildings and machinery Means of communication and transportation in India Irrigation

Organization — Combination of the factors of production in village industries and in factories Efficiency of the factors of production Different uses and how efficiency increases Efficiency of labour increased by education Division of labour and specialization of machinery Large scale production and its limitations Diminishing and increasing returns Development of industrial organization Its relation to means of transportation Accompanying changes in rural industries and in agriculture

Exchange

Utility — Marginal and total utility Law of diminishing utility Law of demand

Barter — Conditions of barter How both parties gain in utility by exchange

Exchange by sale and purchase. Demand and supply schedules and curves. Balancing of demand and supply in a local market. Relation of price to expenses of production. Changes in the expense of production. The development of markets. Causes of the extension of markets. India's imports and exports.

The machinery of exchange. Money and banking. The Indian currency system and the organization of credit in India (both to be treated in an elementary way).

Distribution.

The problem of distribution.

Rent.—The law of rent as applied to India. Land tenure in the United Provinces.

Salaries and wages.—Real and money wages. The standard of living. Mobility of labour in India. Influence of social customs.

Interest.—Net and gross interest. Mobility of capital in India. Principles of co-operative credit and its advantages for India.

Profits.—As the reward of enterprise. Business opportunities in India.

Consumption.

Satisfaction is the end of all economic activity. Wants and their classification. Division of income among different items of expenditure. Family budgets. Relations of saving to spending. The social side of spending.

Taxation.

Classification of revenues: the tax system and its incidence in India.

The following books should be consulted:—

Penson.—Economics of Everyday Life; Parts 1 and 2.

Moreland.—Introduction to Economics for Indian Students.

Banerji.—A Study of Indian Economics.

Teachers should also consult —

I. G. Hale — Indian Economics

Marshall — Economics of Industry

Chapman — Elementary Economics

Jack — Economic Life of a Bengal district

Mann — Life and Labour in a Deccan village

Practical work.

In view of the fact that many students will leave college to earn their living after the Intermediate Examination and that many government positions are now being opened to men who have passed this examination the course should be taught in such a way as to make it of real practical use to students in after life. Teachers must be given facilities for taking students out to study small industries markets and conditions of living in both city and country. The principles should be illustrated from these studies. The examiners are to inspect and mark the practical work of each student as follows —

Two family budgets one for an artisan one of a cultivator with the student's own deductions

Two balance sheets for one month or more of small scale industries with suggestions for improvements in the industry (For example, spinning weaving pottery carpentry shoe making tailoring basket making the gwala the mithai wala etc.)

Diagrams representing the above budgets and costs of production in the industries as percentages of the total

Written work

Teachers should insist on as much written work as possible. The following methods are suggested —

NOTE — Teachers should not usually dictate notes but should require students to write out their own notes after each lecture from rough notes taken in class and from memory. These notes should be inspected and marked by the teacher.

Poetry — (1) *Ramayan Ajodhya Kanda* by Krittibas,
edited by Ramanand Chatterjee

(2) *Chaturdashapadi Kabitabali* by M. Madhusudan Datt edited by Dinanath Senayal

(3) *Gitanjali* by Rabindra Nath Tagore

Composition — *Rachana Paddhati* by Nrisinha Chandra Mukerji.

Urdu.

Charupatth Part III, translated by Bichbandhu Patnaik.

Ramshankar Ray ... Bihāndī

Sasi Bhushan Ray ... Dakshinātya Brāhmaṇ,

Marathi.

Nagesh Vasudev Gunaji Atmodbar

Ramabai Ranade Anchaya Ayusbyatil Athavani

Hari Narayan Apte ... Gad Ala Pan Sinha Gela

Gujrati.

Gujratno Nath Ghanashyam (K. M. Munshi)

Charitra Masilal N. Divedi

Gujarat Sarva Sangaraha } Narmadashankar

Tamil

Periyapurana Vachanam (Life Arunugba Navalar, edition of Appar, Sundar Sambantta Murthi)

Thirukkral 1 to 10 Chapters (Ripon Press).

Kamraki by J. Chelvakesava Raya Madhavar

Telugu.

Uttaragograham Tikkayi

Pindugakatuum Bhogarazu Narayana-murti.

The influence of environment K. Venkateswara Rao
on body and mind.

(4) *Geometry of Solids*—Elementary properties of lines and planes, surfaces and volumes of parallelopipeds and right prisms pyramids, circular cylinders and cones, spheres, and spherical segments, frusta of pyramids cones, and spheres, with numerical applications.

The use of Trigonometry and Logarithms shall be permitted in solving numerical examples.

(5) *Co-ordinate Geometry*.—The properties of straight lines and circles treated by rectangular and polar co-ordinates.

(6) *Dynamics and Statics*—Velocity, composition of velocities, relative velocity, acceleration, rectilinear motion under uniform acceleration, composition of accelerations, Newton's law of Motion, rectilinear motion under gravity in a vertical and down an inclined plane, motion of two masses connected by a string passing over a pulley, projectiles, direct impact of smooth bodies, definition and calculation of kinetic energy, co-planar forces, parallel and non-parallel and their composition, equilibrium of a body under three forces, moments, conditions of equilibrium of a body under a system of co-planar forces and simple examples, centres of gravity, friction, work and power, simple machines (lever, balance, system of pulleys wheel and axle, differential wheel and axle).

The following books are suggested in addition to more elementary text-books, School Algebra, H S Hall, Parts I—III,

School Algebra Part II by Paterson (Clarendon Press)

Elementary Algebra, Part II, by P Ross (Longmans)

Hall and Stevens' School Geometry, Parts V—VI.

Co-ordinate Geometry, Smith or Loney (Macmillans),

Elements of Statics and Dynamics by Loney (Cambridge University Press)

PHYSICS.

[**N.B.**—Candidates will be required to pass in the theoretical part of each Science subject.]

There will be two papers as follows :—

1st Paper—Heat and Light.

2nd Paper—Sound, Electricity and Magnetism.

The following syllabus is recommended :—

General properties of Matter—Fundamental units and their measurement, Principle of Balance, Verniers, Calipers. Screw-gauge, Spherometer. Volume, Density, Specific gravity, Fluid pressure, Principle of Archimedes, Nicholson's hydrometer. Barometer, Boyle's law, Pumps, Siphon, Elementary notions of volume elasticity, rigidity, and Young's modulus in the case of solids. Isothermal and adiabatic elasticities of gases. Gravitation, simple harmonic motion, Pendulum. Value of "g."

Heat.—Temperature. Thermometer. Calorimetry. Specific heat. Latent heat. Expansion of solids, liquids and gases. Vapour pressure. Hygrometry. Change of state. Laws of unsaturated and saturated vapours. Conduction. Convection. Radiation. Reflection and absorption of heat. Isothermal and adiabatic changes. Specific heat at constant volume and constant pressure. Relation of heat to work. Determination of J.

Light.—Laws of propagation. Reflection and retraction from plane and spherical surfaces. Dispersion. Spectra. Fraunhofer's lines, Telescope. Microscope. Spectrometer. Photometry. Phosphorescence. Fluorescence. Velocity of light.

Sound.—Lissajon's figures. Transverse and longitudinal waves. Nature of sound waves. Intensity. Pitch. Quality. Mode of propagation. Reflection. Refraction. Stationary waves. Beats. Resonance. Vibrations of strings and air columns. Monochord and organ pipes. Determination of velocity in solids, liquids and gases. Musical scale.

Electricity and Magnetism.—Magnetisation. Permanent magnets. Magnetic induction. Unit of magnetism.

Magnetic field Lines of force and lines of induction
 Tangent A and B positions of Gauss Deflection and vibration
 Magnetometers Magnetic moments Earth as a magnet
 Magnetic elements H Declination and Dip and their determinations
 Electrostatic unit of quantity Coulomb's law of force Electric field Gold leaf electro-scope Surface density Potential Capacity Leyden jar Capacity of a parallel plate condenser Electrophorus
 Wimshurst's machines

Voltaic cell Electric current and its magnetic effects
 E M unit of current Galvanometers Ammeters Voltmeters Ohm's law and its verification Unit of resistance and P D Specific resistance Practical and absolute units Determination of resistance Wheatstone's bridge P O Box Heating effect of current Joule's law Determination of J Electric glow lamp Electric arcs Chemical Effect of current Faraday's law of Electrolysis Electro-chemical equivalent Voltameters Electro-magnetic relations Electro magnet induction In induction coil Simple dynamo Motor Electric Telegraph Telephone Microphone Thermopile

The scope of course is approximately indicated by R S Willows A Text-book of Physics (published by Messrs Arnold and Co) and this book is strongly recommended

There will also be an examination in practical work

The laboratory course is indicated by the subjoined list of experiments An account of each experiment must be written by the student in a special note book which will be examined The account of each experiment should be signed by the Demonstrator and the books should be kept in his charge

LIST OF EXPERIMENTS

Mechanics—

Applications of the Triangle of Forces

Equilibrium of Parallel Forces

Principle of Moments

Determination of co-efficient of Friction.

Determination of "g" by the pendulum.

General properties of Matter—

Measurements of mass by the balance.

Use of the Spherometer.

„ Screw Gauge.

„ Callipers.

Reading the Barometer.

Heat—

Testing fixed points of Thermometers.

Determination of Specific Heats.

„ Latent Heats.

Construction of a graph illustrating the rate of cooling of a liquid.

Verification of Boyle's law.

Determination of the co-efficient of linear expansion.

Light—

Reflection and refraction of light at plane and spherical surfaces.

Determination of refractive indices.

Local lengths of mirrors and lenses.

Sound—

Determination of velocity of sound by resonance.

„ the frequency of a fork by sonometer.

Magnetism—

Mapping out lines of force by a small magnet.

Determination of neutral points in a magnetic field.

Comparison of magnetic moments by the magnetometer.

Electricity—

Variation of magnetic force at centre of a coil with radius, number of turns and strength of current

Determination of resistance by the use of Wheatstone's wire bridge.

Determination of resistance by the use of Ammeter and Voltmeter.

Combination of cells in series and parallel

Detailed accounts of the method of performing the above experiments will be found in either Willows Text book of Physics or in any Intermediate course of practical physics such as Schuster and Lees

CHEMISTRY

[A B—Candidates will be required to pass in the theoretical part of each Science subject]

There will be two papers and a practical examination

The following syllabus is prescribed —

The course for the High School Examination with the following addition — Elementary and compound substances mixtures solution chemical action the laws of definite and multiple proportions simple methods of the determination of equivalent weights atoms, molecules atomic and molecular weights vapour density the atomic theory and Avogadro's hypothesis combination of gases by volume

Valency relation between equivalent and atomic weights, simple methods of determination of atomic weight Dulong and Petit's law Boyle's law Charles' law vapour pressure, diffusion

Chemical symbols formulae and equations all relations of an easy nature

Oxidation and reduction

Elementary ideas as to the nature of dissociation in gases and electrolytic dissociation theory

The outlines of the Periodic law studied from elements prescribed in the course

Preparation and important properties of the following elements and compounds and profile of the composition of the compounds marked* —

Hydrogen oxygen *water ozone hydrogen dioxide nitrogen *the atmosphere the effects of animal and vegetable life upon its composition *ammonia nitric acid and nitrates nitrous acid and nitrites *nitrous and *nitric

oxides, carbon, *carbon dioxide, *carbon monoxide, elementary ideas about combustion and structure of flame, coal gas, chlorine, *hydrochloric acid, the chlorides, chloric acid and chlorates, bromine, iodine, their hydrides and salts.

Sulphur, *hydrogen sulphide, sulphur *dioxide and trioxide, sulphuric acid and the sulphates, sulphurous acid and sulphites

Phosphorous, hydrogen phosphide, phosphorous trioxide and pentoxide, orthophosphoric acid.

Silica, silicates of Na, K. and Ca. glass.

Sodium, potassium, their hydroxides, chlorides, nitrates, carbonates, sulphates.

Calcium, strontium, barium and their oxides, carbonates, sulphates, chlorides, nitrates.

Magnesium, its oxide, chloride, sulphate, carbonate and nitrate. Zinc, its oxide, chloride, sulphate and carbonate.

Lead, its chloride, sulphate and nitrate.

Copper, the outlines of its metallurgy, its oxides, chlorides, sulphate and nitrate

Iron, the outlines of its metallurgy, its oxides FeO , Fe_2O_3 , Fe_3O_4 , chlorides and sulphates.

Organic :—

A.—The preparation, typical properties and structural relationship of the following compounds :—

Methane, ethane, ethylene chloroform, iodoform.

Methyl alcohol and ethyl alcohol.

Formaldehyde and acetaldehyde.

Formic acid and acetic acid.

Ethyl acetate and methyl acetate.

Acetamide, acetyl chloride, acetic anhydride.

Methylamine

B — The descriptive properties of the following :—

Acetylene, glycerol, acetone, ether, oxalic acid, tartaric acid, fats, soaps (and saponification), starch, cane sugar, grape sugar (and fermentation), urea, benzene, phenol, aniline, benzoic acid.

PRACTICAL WORK

Students will be examined in Practical Chemistry

Students are expected to perform the following experiments in the laboratory. An account of each experiment must be written by the student in a special note book which will be liable to examination by the examiners. This note book should be kept in the charge of the laboratory instructor and each account of an experiment should be signed by him. The Principal of a College will be responsible for the production of this note book when demanded by the proper authorities.

The practical course is as follows —

1 Such practical work as is required for the High School Examination

2 Qualitative analysis of simple salts

3 Preparation and purification of simple salts involving no special difficulty

4 Simple gravimetric and volumetric estimations such as estimation of alkali acids and alkaline carbonates by titration, gravimetric estimation of iron and simple gravimetric experiments such as change in mass on oxidation of magnesium etc

5 Determination of melting and boiling points, fractional distillation

6 Qualitative detection of hydrogen, nitrogen, sulphur and halogens in organic compounds

Books suggested —

SHEVSTONE Inorganic Chemistry (Arnold)

RSCOR and LUPT Elementary Inorganic Chemistry

RSCOR and HARDEV Inorganic Chemistry for Advanced Students

A Class book of Organic Chemistry, by I. B. Cohen

Organic Chemistry Part I by Perkin and Kipping

Douglas's Class book of Chemistry Parts 1—4

BIOLOGY.**I — Zoology.**

[N.B.—Candidates will be required to pass in the theoretical part of each Science subject.]

A.—Living and non-living matter. The distinctive properties of living matter or protoplasm and its chemical composition. The structure and life-history of Amoeba and malaria parasite as examples of the Protozoa. A general conception of the structure and phenomena of the animal cell; direct and indirect cell division. The union of cells to form tissues and the combination of tissues to form organs.

B.—The structure of Hydra as an example of the Metazoa. The principle of the physiological division of labour and the correlated differentiation of structure.

C—The structure and bionomics of an Indian earth-worm as an example of a segmented animal.

D.—The structure of the cockroach as a type of Arthropoda. Metamorphosis among insects as illustrated by the life-history of the common mosquito.

E.—The general characters of the Chordata.

F.—The general anatomy, histology and physiology of the various systems or organs in the frog.

G.—An elementary knowledge of the anatomy and osteology of the rabbit or other common mammal. The brain and eye of the sheep, and the skull of the dog may be substituted for those of the rabbit.

H.—A general classification of the animal kingdom with the characteristics of the principal phyla.

J.—Reproduction, sexual and asexual; ova and spermatogenesis. The elementary and segmentation of the ovum, the " and larval history of the frog, and the organs derived from

II - Botany

[N.B. - Candidates will be required to pass in the theoretical part of each Science subject.]

A — The structure and germination of seed; the morphology of the root stem and leaf. The chief types of floral structures. The chief types of inflorescence and the common types of fruits.

B — The parts of a typical vegetable cell; the cell contents and their microchemical reactions; the division of a cell; the chief types of plant tissues. A comparative study of the internal structure of the root stem and leaf of the Angiosperms. The structure of the reproductive organs of the Angiosperms.

C — The structure of *Bacillus subtilis* and the modes of nutrition among the Bacteria.

D — The structure physiology and life histories of *Ulothrix*, *Spirogyra*, *Mucor* and yeast.

E — The structure and life histories of a moss and a fern and the phenomenon of alternation of generations.

F — The life history of Angiosperms.

G — An outline of the classification of the vegetable kingdom to illustrate grades of structure and method of reproduction.

H — Elementary plant physiology stability of the plant body; the usual constituents of plant food; assimilation; transpiration; respiration; the main facts about growth; the chief types of movements.

PRACTICAL WORK

Students are expected to keep a record of all practical work in a special laboratory sketch book which will be liable to examination by the examiners. The laboratory instructors should sign the result of each day's practical work.

A — The microscopical study of *Amoeba* and *Hydra*; the study of *Hydra* by means of transverse and longitudinal sections.

The general dissection of the earthworm, cockroach, and frog; life-history of mosquito; a microscopical study of the chief animal tissues from fresh or prepared preparations of muscle, nerve, cartilage, bone, blood, and connective tissue; the microscopical study of the earthworm by means of fresh preparations and transverse sections; a microscopical examination of the kidney, liver, spinal cord, stomach, ovary, and testis of the frog. The skeleton of the frog.

The osteology of the rabbit, substituting the skull of the dog for that of the rabbit, and the dissection of the alimentary, vascular, and reproductive systems of that animal.

B.—The dissection of plants and parts of plants; the preparation, simple staining, and study of microscopical sections of plants. A practical study by microscopical examination and otherwise of bacteria, yeast, Spirogyra, Ulothrix, Mucor, a moss, a fern, and the vegetative and reproductive organs of Angiosperms treated in an elementary manner.

The description of a flowering plant and its parts in semi-technical language.

(Where fresh material cannot be obtained, recourse should be had to prepared specimens.)

Text-books suggested:—

PARKER and BHATIA: Elementary Course of Practical Zoology (Macmillan).

HOLMES: Biology of the Frog.

MARSHALL and HURST: Practical Zoology. (Murray.)

RANGACHARI: Botany for Indian Schools, 2nd Edition. (Government Press, Madras.)

GAGER: Fundamentals of Botany. (Blakiston.)

COMMERCIAL DIPLOMA EXAMINATION OF 1926

The following are the subjects of examination —

Compulsory subjects—

- 1 English, including correspondence
- 2 Book Keeping and Accountancy
- 3 Business Methods and Elementary Economics

Optional subjects—

One of the following —

- 1 Commercial Geography—
 - (a) General
 - (b) India

Or

- 2 Typewriting

Or

- 3 Shorthand

The following papers will be set —

1 English including correspondence — Two papers of three hours each

2 Book keeping and Accountancy — Two papers of three hours each

3 Business Methods and Elementary Economics — Two papers of three hours each one paper on business methods and one paper on Elementary Economics

4 Commercial Geography — One general paper of three hours One paper on the Commercial Geography of India of three hours

5. Typewriting — One paper of three hours

6 Shorthand — One paper of three hours

The syllabus in each subject is as follows —

English including correspondence — 1 Drafting of commercial and official correspondence with special attention to grammar, syntax, punctuation and use of commercial terms and vocabulary

2 Essay writing and composition, with practice in expansion of summarized ideas into full statements and vice versa

3. Reading daily newspapers with practice in editorial writing and newspaper articles especially on commercial topics. Ability to understand the financial and business section of the newspapers.

4. Precis writing.

NOTE.—It is suggested that papers in this subject may follow the lines given below.

First Paper—*Commercial English*—

This will consist of—

- (a) Draft of commercial and official correspondence.
- (b) The writing of a short article to indicate an intelligent knowledge of commercial terms.
- (c) Précis-writing

Second Paper—*General English*—

This will consist of—

- (a) Translation from indirect to direct speech and vice versa.
- (b) Re-writing of incorrect or badly constructed sentences.
- (c) Synthesis of simple sentences and the resolution of complex sentences.
- (d) An essay on a subject of general interest.

Book-keeping and Accountancy.—The principles of Double Entry. Book-keeping and their application. Books of original entry, including Tabular Forms. The Ledger. Trial Balance. Trading, Manufacturing and Profit and Loss Accounts, with apportionments and adjustments, Balance-sheets. Loose Leaf and Card Index system of Book-keeping. Self-Balancing Ledgers. Single Entry Book-keeping.

In the treatment of the above the following matters will be included:—Cheques, Bills of Exchange and Promissory Notes; Good will; Classification of Assets; Bad debts; Depreciation, Reserves and Sinking Funds; Consignment, Joint Venture and Contract Accounts; Partnership and Company Accounts (including the Double Account system); Capital and Revenue: Investments; Accounts Current and Average Due.

Business methods—1. The general routine of a Business House:—Inward and Outward correspondence (excluding drafting), Methods of rapid communications, Duplicating processes

—2. The significance of Trade Commerce and Industry Manufacturing and Distribution House The buying and selling of goods Mercantile Enquiry Agencies, Importation and Exportation of goods Documentary Bills Elementary Fire and Marine Insurance as applicable to this section Use of Card Indexes

3 The meaning of the principal commercial terms occurring in connection with the above and the preparation of the chief documents involved including arithmetical calculations

4 An elementary knowledge of the Indian Law of Contracts, Indian Negotiable Instruments Act and the Indian Registration Act

Elementary Economics—(The treatment of the subject should be very elementary and as far as possible it should be illustrated by reference to Indian conditions)

The subject matter and scope of economics fundamental notions and simple definitions Relation between wants efforts and satisfaction

Production—Factors of production Land Labour, Capital and Organization

Nature and Limitations of land Division of labour and other factors of efficiency of labour, Organization of capital

Laws of increasing diminishing and constant returns

Wants—Desiring utility Value—its determination Balancing of supply and demand

Machinery of Exchange—Money and its functions Qualities most desirable in currency—legal tender—token money—Gresham's Law—Paper Currency—Convertible and Inconvertible credit—Credit instruments—Bills of Exchange—Cheques

Indian Currency—The Gold Exchange Standard—The Gold Standard Reserve, Council Bills—Reverse councils—Indian Currency during and since the war—Indian Banks and the chief functions performed by them—the Imperial Bank, the Exchange Banks and Indian Joint Stock Banks.

Distribution—Rent—interest—wages—profits (with particular reference to Indian conditions).

Books recommended:—

PENSON: Economics of Every Day Life, Part I.

MORELAND: Introduction to Economics.

JEVONS: Money and Banking in India.

Commercial Geography.—A. General.—I. (a) Physiographic Control of Commerce, Climate. Effect of climate on vegetation. Vegetation regions. Distribution of important commodities as wheat, rice, cotton, barley, flax, jute, etc., and conditions under which they are severally produced.

(b) Vegetation, its relation to industries.

(c) Trade routes connecting the most important regions producing the different commodities as studied above and the important markets for them Ports. Localisation of Industries.

II. A study of the various types of geographical regions from the standpoint of commerce, particularly of the West marginal type in Europe, the East marginal type in Monsoonal Asia, and of continental types in N. America.

(This would imply an intelligent study of the physical features of the different regions, more particularly in relation to their effects on climate, agricultural production, and the easiest lines of inland communication, whether by water, road or rail. Special attention should be paid to the geographical distribution of industries).

B India —A study of the Commercial Geography of India on the regional basis involving the study of —

- (a) Surface features and physical structure
- (b) Climate
- (c) Agricultural products
- (d) Irrigation
- (e) Distribution of minerals
- (f) Industries
- (g) Communications

NOTE In the study of regional types special attention may be devoted to the parts of the British Empire occurring in the o type.

TYPE WRITING

This will be the same as for the High School Examination but of a more advanced character—the speed to be 30 words per minute

SHORTHAND

- 1 Writing in shorthand from a passage dictated at the rate of 80 words a minute for a period of ten minutes
 - 2 Writing in shorthand from a business letter of general commercial phraseology dictated at the rate of 60 words a minute for a period of 5 minutes
 - 3 Transcription of both the above
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LIST OF INSTITUTIONS IN THE UNITED PROVINCES RECOGNIZED FOR THE EXAMINATIONS CONDUCTED BY THE BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION FOR 1925.

List of Intermediate Colleges (not maintained by Government) in the United Provinces recognized for the Intermediate Examination of 1925.

Serial no.	Name of college.	Subjects in which recognition has been given.	Remarks.
MEERUT DIVISION.			
1	Moorit College, Meerut	..	In all the subjects excepting Biology taught by the University, for the Intermediate Examination, and also in <u>Economics</u> .
2	D. A. V. College, Dohra Dun	..	In English, Mathematics, Physics, Chemistry, History, Logio, Sanskrit and Persian.
3	N. R. N. C. Intermediate College, Khurja.	..	English, Mathematics, Modern History, Logic, Sanskrit, Persian, Physics, Chemistry and Economics.
AGRA DIVISION.			
4	Ajigarh Muslim University Intermediate College, Ajigarh.	..	English, Mathematics, Biology, History, Persian, Logio, Physics, Chemistry, Arabic and Sanskrit.
5	Agra College, Agra	..	In all the subjects for the Intermediate Examination taught by the University and Economics.

6	St. John's College, Agra	Ditto
7	RadhaSwami Educational Institute, Agra	English, Sanskrit, Persian, History, Logic, Physics, Chemistry, Mathematics, Mathematics and Economics etc.
8	Bareilly College, Bareilly	In all the subjects for the Intermediate Examination (in Arts) taught by the University and Economics
9	Sayyam Sudder Memorial Intermediate College Chandanpur	English, Modern History, Mathematics, Logic, Physics, Chemistry, Sanskrit and Persian
10	Christ Church Intermediate College Cawnpore	In all the subjects for the Intermediate Examination (except Biology) taught by the University and Economics.
11	D. A. V. College, Cawnpore	English, Mathematics, History, Sanskrit, Persian, Logic and Economics.
12	Uwing Christian College, Allahabad	In all the subjects for the Intermediate Examination taught by the University and Economics
13	Masjidia Iahshala College, Allahabad	In all the Arts subjects of the Intermediate Examination and in the subjects of Chemistry, Physics, Biology and Economics etc.
14	Udal Pratibh College and Hostels Kshatriya School, Benares	English, Sanskrit, Persian, Mathematics, Physics and Chemistry, History and Logic

Recognised provisionally for
the Intermediate Examination
of 1925

ALLAHABAD DIVISION

10	Christ Church Intermediate College Cawnpore	In all the subjects for the Intermediate Examination (except Biology) taught by the University and Economics.
11	D. A. V. College, Cawnpore	English, Mathematics, History, Sanskrit, Persian, Logic and Economics.
12	Uwing Christian College, Allahabad	In all the Arts subjects of the Intermediate Examination and in the subjects of Chemistry, Physics, Biology and Economics etc.

BENARES DIVISION

14	Udal Pratibh College and Hostels Kshatriya School, Benares	English, Sanskrit, Persian, Mathematics, Physics and Chemistry, History and Logic
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Serial no.	Name of college.	Subjects in which recognition has been given.	Remarks.
16	St. Andrew's College, Gorakhpur ..	GORA KHPUR DIVISION. English, History, Sanskrit, Persian, Logio and Mathematics.	
17	Lucknow Ohnathan College, Lucknow	LUCKNOW DIVISION. English, History, Logia, Persian, Arabic, Sanskrit, Economics, Mathematics, Physics, Chemistry and Biology.	Provisional recognition extended to 1927.
18	Shia Intermediate College, Lucknow	English, Mathematics, History, Logio, Persian and Arabic.	Provisional recognition extended to the Intermediate Examination of 1926.
19	Kanya Kubja Intermediate College, Lucknow,	English, Logio, History, Mathematics, Sanskrit, Persian and Economics.	
20	Crownthwaite Girls' Intermediate College, Allahabad.	GIRLS' COLLEGES. English, Sanskrit, Persian, Mathematics, History, Logio and Economics.	
21	Isabella Thoburn College, Lucknow	Affiliated in all the subjects for the Intermediate Examination taught by the University.	
22	Philosophical National Girls' School and Women's College, Banaras,	English, Modern History, Economics, Logio and Sanskrit.	Recognised for the Intermediate Examination of 1926.

List of Government Intermediate Colleges in the United Provinces recognized for the Intermediate Examination of 1925

22	Government Intermediate College Moradabad	Urdu, Persian, History, Logic, Physics, Chemistry and Mathematics.	Urdu, Persian, History, Logic, Physics, Chemistry and Mathematics.	URDUPURKASH DIVISION
23	Government Intermediate College Allahabad	English, Sanskrit, Arabic, Persian, History, Logic, Physics, Chemistry, Mathematics and Biology.	English, Sanskrit, Arabic, Persian, History, Logic, Physics, Chemistry and Mathematics.	ALLAHABAD DIVISION
24	Government Intermediate College Lawrah	English, Sanskrit, Arabic, Persian, History, Logic, Physics, Chemistry and Mathematics.	English, Sanskrit, Arabic, Persian, History, Logic, Physics, Chemistry and Mathematics.	JHANSI DIVISION
25	Government Intermediate College, Jhansi	English, Sanskrit, Arabic, Persian, History, Logic, Mathematics, Physics and Chemistry.	English, Sanskrit, Arabic, Persian, History, Logic, Mathematics, Physics and Chemistry.	BENARES DIVISION
26	Queen's Intermediate College, Benares	English, Sanskrit, Arabic, Persian, History, Logic, Mathematics, Physics and Chemistry.	English, Sanskrit, Arabic, Persian, History, Logic, Mathematics, Physics and Chemistry.	KUMAON DIVISION
27	Government Intermediate College, Almora	English, Sanskrit, Arabic, Persian, History, Logic, Physics, Chemistry and Mathematics.	English, Sanskrit, Arabic, Persian, History, Logic, Physics, Chemistry and Mathematics.	LUDHIANA DIVISION
28	Jubilee Intermediate College, Lucknow	English, Sanskrit, Arabic, Persian, History, Logic, Physics, Chemistry and Mathematics.	English, Sanskrit, Arabic, Persian, History, Logic, Physics, Chemistry and Mathematics.	

Serial no.	Name of college	Subject in which recognition has been given.	Remarks.
FYZABAD DIVISION			
29	Government Intermediate College, Fyzabad.	English, Sanskrit, Arabic, Persian, "1 story, Long, No Watson floor, Physics, Chemistry and Biology.	
COLLEGES FOR EUROPEANS.			
30	St. George's Intermediate College, Munshoori.	English, Mathem'sis, Latin and Modern History.	
31	St. Joseph's College, Naini Tal	.. English, Mathem'sis, Physics, Chemistry, Modern History, Ancient History, and Latin.	
32	J. A. Mathurado College, Lucknow	.. English, Latin, Modern History, Ancient History, Modern History, Hydrogen Chemistry.	

all qualified provisionally for
the Intermediate Examinations
terms of 1924 and 1925.

all qualified in Physics and
Chemistry for the Inter-
mediate Examinations of
1924 and 1925.

List of Institutions in the United Provinces recognized for the High School Examination of 1925

LIST OF RECOGNIZED INSTITUTIONS

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Serial Number	School	Optional subject or subjects in which recognition has been granted	Vernaculars in which recognition has been granted	Remarks
MEEPUT DIVISION				
1	Dayanand Anglo Vedic Intermediate College Dehra Dun	Pankrit Persian Drawing and Science	Hind, and Urdu	
2	A. P. Mission High School Dehra Dun	Sanskrit Persian Arabic Further Mathematics Drawing and Science	Hindi, Urdu and English	
3	Government High School, Bahadarpur	Sanskrit Persian English and Science	Hindi and Urdu	
4	Chander Orman High School Rohtak district Haryana	Pankrit Persian Drawing Further Mathematics and Science	Ditto	
5	Kashi Ram High School, baha udapur	Pankrit Persian and Drawing Persian Arabic and Drawing	Farsi	Provisional recognition extended to 1924
6	Government High School Murshidnagar	Sanskrit Persian Arabic Drawing Science Commerce and Further Mathematics	Urdu	Provisional recognition extended to 1925
7	Edward Anglo S. Native High School, Murshidnagar.	Pankrit Persian Drawing and Science	Ditto	Provisional recognition extended to 1927

Note.—Science—Physics and Chemistry

No.	School.	Optional subject or subjects in which recognition has been granted.	Verbal or in which recognition has been granted.	Remarks.
MEERUT DIVISION (continued)				
9	D. A. & V. High School, Muzaffarnagar.	Handwriting, Persian and Drawing..	Urdu and Urdu.	Provisional recognition extended to text.
10	Government High School, Meerut.	Handwriting, Persian, Drawing, Geography, Arabic, Science and Manual Drawing.	Urdu.	
11	Church Mission High School, Meerut.	Handwriting, Persian and Drawing and Commerce.	Urdu, Drawing and Bengali.	
12	Government Anglo-Vernacular High School, Meerut.	Handwriting, Persian and Drawing ..	Urdu and Urdu.	
13	Fateh Ali Khan High School, Meerut	Handwriting, Persian, Drawing, Bengali and Urdu.	Urdu.	
14	Nanakchand Anglo-Handkerchief High School, Meerut.	Handwriting, Drawing, Bengali and Urdu.	Urdu.	
15	Dayawati High School, Meerut	Handwriting, Persian, Drawing and Bengali.	Urdu.	
16	Government High School, Ifapur, district Meerut	Drawing, Persian and Drawing	Urdu.	
17	Dewanbar Jain High School, Bhawant, district Meerut	Handwriting, Persian and Drawing	Urdu.	

LIST OF RECOGNIZED INSTITUTIONS

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19	Zat Vedic High School, instant distr. of Meerut		Ditto	"	Ditto.
20	Govt. runnt. High School, Ba- landshahr	Sanskrit, Persian Drawing and Science	Ditto	Ditto	Ditto.
21	Nathmal Ramchandral Edward Corporation Intermediate Col- lege Khorja Bulandshahr	Sanskrit, Persian, Commerce Science and Drawing	Ditto	Ditto	Ditto.
22	Anglo-Vernacular High School, Balandshahr distr. of Buland- shahr	Sanskrit, Persian Drawing and Science	Ditto	Ditto.	Ditto.
23	Anglo Vedic High School, Atar- abur district Bulandshahr	Ditto	"	Ditto	Ditto.
24	Jasdi Linstead Anglo Sanskr. High School, Khurja district Balandshahr	Sanskrit Persian Drawing and Science	Ditto	Ditto.	Ditto.
25	King Edward Memorial Ja- nigh School, Lakhauti, dis- trict Bulandshahr	Sanskrit, Persian, Drawing Agricultural Botany and Science	Ditto	Ditto	Ditto.
26	Kuber High School, Debal, dis- trict Bulandshahr	Sanskrit, Persian, Drawing and Science	Ditto	Ditto	Recognized provisionally in Science for 1925
27	Partab High School, Tahri, dis- trict Garhwal	Sanskrit Commerce, Drawing, Science and Persian	Ditto	Ditto	

Serial No.	School	Optional subjects or subjects in which recognition has been granted up to and including	Year mentioned in which recognition has been granted	Remarks
AGRA DIVISION				
28	Government High School, Aligarh,	Geography, Penmanship, Drawing, Government and Science	Ditto	Provisional recognition extended to 1917
29	Government High School, Aligarh,	Geography, Drawing, Penmanship and Persian	Ditto	Provisional recognition extended to 1917
30	Kasturba Gandhi High School, Aligarh	Geography, Penman and Drawing, Science and Persian	Ditto	Provisional recognition extended to 1917
31	Aligarh Muslim University Inter- medi to College, Aligarh	Geography, Penman, Writing, Drawing, Mathematics, Science and Commerce	Ditto	Provisional recognition extended to 1917
32	Government High School, Little Ran, district Aligarh	Geography, Penman, Drawing, Com- merce and Persian	Ditto	Provisional recognition extended to 1917
33	A.V. Pathakda, Aligarh	Penmanship, Drawing and Particular Mathematics	Ditto	Provisional recognition extended to 1917
34	Phool Chand High A.G. School, Ranpur, district Aligarh	Geography, Penman, Science and Drawing	Ditto	Recognition extended up to and including the High School Examination of 1915
35	Government High School, Mattra	Geography, Penman, Drawing and Science	Ditto	Provisional recognition extended to 1917
36	Khanda Ramn High School, Mattra	Penman, Science, & Penman the mattra and Government	Ditto	Provisional recognition extended to 1917

37	Victoria High School, Agra	Sanskrit, Persian, Drawing and Science	Ditto	* Recognition extended up to and including the 11th School Examination of 1925
38	Government High School, Agra	Sanskrit, Persian, Drawing, Commerce, Manual Training, Science and Arabic	Ditto	
39	St. John's High School, Agra	Sanskrit, Persian, Drawing and Science and Further Vocational Training	Ditto	
40	Brahmananda High School Agra	Sanskrit, Persian, Commerce, Science and Drawing	Ditto	
41	Baptist Mission High School Agra	Sanskrit, Persian, Drawing and Commerce	Ditto	
42	Muslim High School, Agra	Persian, Sanskrit, Drawing and Commerce	Ditto	Instructional recognition extended to 1927
43	Railway High School, Tundla district Agra	Sanskrit, Persian, Drawing and Science	Ditto	
44	Radhavanshi Educational Institu- tute, Agra		Ditto	
45	Schools of Muhammadia High School, Agra	Persian, Arabic, Science, Draw- ing and Commerce	Ditto	
46	D.A.V. High School, Agra	Sanskrit, Persian, Drawing and Commerce	Ditto	Provisional recognition extended to 1927

NOTE.—Sect. 6.—Physics and Chemistry

Serial no.	School.	Optional subject or subjects in which recognition has been granted.	Vocamentals in which recognition has been granted.	Remarks.
AREA DIVISION				
28	Government High School, Aligarh.	Sanskrit, Persian, Drawing, Commerce and Finance.	Hindi and Urdu.	
29	Dhammanand High School, Aligarh.	Sanskrit, Drawing, Science and Persian.	Ditto.	
30	Kalyanpathshala High School, Aligarh.	Sanskrit, Persian and Drawing.	Ditto.	
31	Aligarh Muslim University Intermediate College, Aligarh.	Sanskrit, Persian, Arabic, Drawing, Punjabi, Mathematics, Science and Commerce.	Ditto.	
32	Chowminni High School, Natharia, district Aligarh.	Sanskrit, Persian, Drawing, Commerce and Science.	Ditto.	
33	P. A. V. Pathshala, Aligarh.	Panjab, Sanskrit, Drawing and Father Mathematics.*	Ditto	Provisional recognition extended to 1927.
34	Phool Ohmid High A. S. School, Natharia, district Aligarh.	Sanskrit, Persian, Science and Drawing.	Ditto	Recognition extended up to 1926 including the High School Examination of 1925.
35	Government High School, Muttra.	Sanskrit, Persian, Drawing and Science.	Ditto.	
36	Khobori Ramzan High School, Muttra.	Persian, Sanskrit,* Further Mathematics and Commerce.	Ditto	Provisional recognition extended to 1927.

		Sanskrit Persian Drawing and Sciences	Ditto	* Recognition extended up to and including the High School Examination of 1915
37	Vidya Is High School Agra	Sanskrit Persian Drawing and Sciences	Ditto	
38	Government High School Agra	Sanskrit Persian Drawing Commerce Manual Training Science and Arabic	Ditto	
39	St. John's High School Agra	Sanskrit Persian Drawing Com- merce Science and Further Mathematics	Ditto	
40	Balwant Laljiit High School Agra	Sanskrit Persian Commerce Science and Drawing	Ditto	
41	Dept. of Mission High School Agra	Sanskrit Persian Drawing and Science	Ditto	
42	Mohd. Ali High School Agra Gardiner Agra	Persian Drawing and Sciences	Ditto	
43	Railway High School Tundla Gardiner Agra	Sanskrit Persian Drawing and Sciences	Ditto	
44	Radha Swami Educational Insti- tute Agra		Ditto	
45	Sikandar Muhammadia High School Agra	Persian Arabic Science Dra- wing and Commerce	Ditto	
46	D A V High School Agra	Sanskrit Persian Drawing and Sciences	Ditto	

Note.—Sect c.—Physics and Chemistry

Serial no.	School	Optional subjects or subjects in which recognition has been granted.	Vocational in which recognition has been granted.	Remarks.
AGRA DIVISION—(concluded).				
17	Sri Ram Chandra Victory High School, Faizabad, Agra.	Sanskrit, Persian, Drawing and Science.	Hindi and Urdu	Provisional recognition extended to 1927.
18	Government High School, Mathura.	Sanskrit, Persian, Drawing, Science and Commerce.	Ditto.	..
19	Mission High School, Mainpuri	Sanskrit, Persian, Arabic and Science.	Ditto.	..
20	Government High School, Etah	Sanskrit, Persian, Drawing, Science and Commerce.	Ditto.	..
ROHILKHAND DIVISION.				
21	Government High School, Bareilly.	Sanskrit, Persian, Arabic, Drawing, Commerce, Science and Manual Training.	Hindi and Urdu	..
22	State High School, Rampur	Arabic, Persian, Sanskrit and Drawing.	Ditto.	..
23	Eastern India Memorial High School, Bareilly.	Persian, Sanskrit and Drawing..	Ditto.	..

54	Winston Ing's Memorial High School, Bareilly	Sanskrit, Persian, Arabic, Drawing and Science	Ditto
55	Edward Memorial High School Bareilly	Sanskrit, Persian and Drawing	Ditto
56	Government High School Dijnor	Sanskrit Persian, Drawing and Sciences	Ditto
57	Government Bullock High School Majhabad Dijnor	Sanskrit Persian, Arabic and Drawing	Ditto
58	Government High School Budau	Sanskrit Persian Drawing and Science	Ditto
59	Meaton Lai'ma High School Budau	Arabio Persian Sanskrit and Drawing	Ditto
60	Government Intermediate College Moradabad	Sanskrit Persian Drawing Space and Further Mathematics	Ditto
61	Coronation Hindu High School Moradabad	Sanskrit Persian Drawing and Sciences	Ditto
62	Parker High School Moradabad	Ditto	Ditto
63	Bham Sunder Memori Inter mediate College Chandauli district Moradabad	Sanskrit Persian Commerce Drawing and Science	Ditto
64	Government High School Amrola district Moradabad	Sanskrit Persian, Arabic, Drawing and Science	Ditto

Provisional recognition
extended to 1927

Serial No.	School	Optional subjects or subjects in which recognition has been granted	vernaculars in which recognition has been granted.	Remarks.
ROORKEE DIVISION - (continued)				
05	Dhuri Singh Memorial School, Kainali, district Moradabad	Sanskrit, Persian and Urdu in English	Hindi and Urdu	Provisional recognition extended to 1925
06	King George's Union High School, Bareilly, Moradabad	Persian, English, Urdu and Drawing	Ditto. But the Drawing class is to be not included in the examination.	Provisional recognition extended to 1925.
07	Howrah Muslim High School, Moradabad.	Sanskrit, Persian, Arabic, Drawing, Science, Hindi and Punjabi and Commerce.	Recognized in Hindi and English for 1923 and Indian years and in Urdu for 1923 and future years.	
08	Government High School, Almora, Champur	Sanskrit, Persian, Arabic, Drawing, Science, Hindi and Punjabi and Commerce.	Ditto	
09	A. M. W. Mission High School, Shahjahanpur.	Sanskrit, Persian, Arabic, Drawing and Science.	Ditto	
10	Government High School, Pilibhit	Sanskrit, Persian, Drawing, Science, English and Mathematics.	Ditto.	
11	Government Farukhbad High School	Hindi and Urdu Science.	Hindi and Urdu	

LIST OF RECOGNIZED INSTITUTIONS

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72	Government High School Farukh abad	Sanskrit Persian Urdu Gurmukhi and Gurmukhi Sciences	Ditto	Commenc'd has been in roduced from July 1, 1911
74	Government High School Farukh abad	Sanskrit Persian Drawing and Sciences	Ditto	
74	Government High School Farukh abad	Arts and Crafts Bacteriology and Science	Ditto	
7	Government Intermediate Col lege Jawahar	Sanskrit Persian Drawing and Sciences	Ditto	
76	Government High School Jawal Parsuram	Persian Arabic Drawing Urdu Urdu Technical Mathematics and Sciences	Ditto	* Provincial examination for science written to 100
7	Government Intermediate High School Parsuram	Sanskrit Commerce Drawing and Sciences	Hindi and Urdu	
78	Lower Court High School U. H Pore	Arabic Persian Drawing Urdu Commerce and Mathematics	Ditto	
79	Muslim High School Cavadar	Persian Arabic and Drawing	Urdu	
80	Govt. Mazar-e-Khatib High School Cavadar	Persian & Urdu Drawing and Sciences	Hindi and Urdu	Recognized provisionally for the High Schol Examination of 1925
81	Christ Church Intermed. in Lo. Govt. Cavadar	Sanskrit Persian Drawing and Sciences	Ditto	
82	Kanyaakulvi High School Lorgo	Sanskrit Persian Drawing	Ditto	
				NOTE.—See—Physics and Chemistry

Serial No.	School,	Optional subjects or subjects in which recognition has been granted.	Vocenularies in which recognition has been granted.	Remarks.
ALLAHABAD DIVISION (concluded)				
83 D.A.V. High School, Cawnpore	Sanskrit, Persian and Drawing	Hindi and Urdu.	Ditto	
84 Pradit Pirthi Nath High School, Cawnpore	Sanskrit, Persian, Drawing and Science	Hindi and Urdu.	Ditto	
85 Brahmabhu Nath Banerji Dhar ma High School, Cawnpore	Sanskrit, Persian, Drawing and Commerce.	Hindi and Urdu.	Ditto	
86 Govt. Girls' High School, Faiz- pur.	Sanskrit, Persian, Arabic, Draw- ing and Science.	Hindi and Urdu.	Ditto	
87 Government Intermediate Col- lege, Allahabad.	Sanskrit, Persian, Arabic, Draw- ing, Manual Training and Science.	Hindi and Urdu.	Ditto	
88 Loring Christian Intermediate College, Allahabad.	Sanskrit, Persian, Arabic, Draw- ing, Manual Training, Author- Mathematics, Agricultural Botany and Science.	Hindi and Urdu.	Ditto	
89 Kalyanlal Pathakha College, Allahabad.	Sanskrit, Persian, Drawing and Science.	Hindi and Urdu.	Ditto	
90 Vidyamandir High School, Allah- abad	Sanskrit, Persian and Drawing..	Hindi and Urdu.	Ditto	
				Provisional recognition extended to 1927.

91	Durgani High School, Allahabad	Sanskrit, Persian, Drawing and Science.	Hindi, Urdu and Bengali. Provisional recognition in Bengal extended to 1927.
92	D. A. V. High School, Allahabad	Sanskrit, Persian and Drawing	Hindi and Urdu.
93	Modern High School, Allahabad	Sanskrit, Persian, Arabic, Drawing, Further Mathematics and Science.	Ditto.
94	Girja A. V. School, Allahabad	Sanskrit, Persian, Science, Drawing and Manual Training.	Hindi, Urdu and Bengal.
95	Anglo-Bengali School, Allahabad	Sanskrit, Persian, Science and Drawing	Ditto.
JHANSI DIVISION			
96	Government Intermediate College, Jhansi	Sanskrit, Arabic, Persian, Sciences and Further Mathematics and Drawing.	Hindi and Urdu
97	Government High School, Lalitpur	Persian, Student and Drawing.	Ditto.
98	MacDonnell High School, Itarsi	Sanskrit, Persian, Drawing and Science.	Ditto.
99	Government High School, Hamirpur	Persian, Sanskrit and Drawing.	Ditto.
100	Government High School, Orak (Jalsam).	Sanskrit, Persian, Arabic, Drawing and Science.	Ditto.
101	Government High School, Ronda	Sanskrit, Persian, Science and Drawing	Ditto

NOTE.—Science—Physics and Chemistry.

Serial no.	School	Optional subjects or subjects in which recognition has been granted.	BENARES DIVISION.	Vocational in which recognition has been granted.	Remarks.
102	Queen's Intermediate College, Benares.	Sanskrit, Persian, Arabic, Drawing and Science.	Sanskrit, Persian, Arabic, Drawing and Science.	Hindi and Urdu.	
103	London Mission High School, Benares.	Sanskrit, Persian, Drawing, Commerce, Further Mathematics and Science.	Ditto.		
104	Jai Narayan's High School, Benares.	Sanskrit, Persian, Arabic, Drawing, Commerce, Publishing, Mathematics and Science.	Ditto		
105	Udai Pratap College and High School, Benares.	Sanskrit, Persian, Arabic, Drawing and Science.	Sanskrit, Persian, Arabic, Drawing and Science.	Ditto.	
106	Nengali Tola High School, Benares.	Sanskrit, Persian, Drawing and Science.	Sanskrit, Persian, Drawing and Science.	Hindi, Urdu and Panjab.	
107	Harish Chandra High School, Benares.	Ditto	Ditto	Hindi and Urdu.	
108	Anglo-Bengali School, Benares ..	Sanskrit and Drawing	..	Hindi and Bengali.	
109	D. A. V. High School, Benares ..	Ditto	..	Hindi and Urdu.	
110	Government High School, Mirzapur	Sanskrit, Persian, Drawing and Science,	Ditto		

111	London Mission High School, Alirajpur	Ditto	Ditto
112	Anglo-Sanskrit Jubilee School Alirajpur	Ditto	Ditto
113	Government High School Jaunpur	Sanskrit, Persian, Arabic, Drawing and Science	Ditto
114	Praya Nath Gosh High School, Jaunpur	Ditto	Ditto
115	Kibatriya High School Janjor	Sanskrit, Persian and Drawing	Ditto
116	Victoria High School Chaurigarh	Sanskrit Persian, Arabic, Dr w ing, Science and Commerce	Ditto
117	City H.S. School Ujjalpur	Sanskrit, Persian, Drawing and Science	Ditto
118	Government High School, Ballia	Ditto	Ditto
119	L D Mission High School N.H.	Persian and Sanskrit	Ditto
120	Anglo-Vernacular H.S. School Ballia	Sanskrit and Persian	Ditto
121	Merton H.S. School Manager Banasree State	Sanskrit Persian Drawing and Science	Ditto
122	Govt H.S. School Gajipur Bihar State	Sanskrit Persian Drawing and Science	Institution recognized in Science extended to 1947
GORAIPUR DIVISION			
123	Jahko H.S. School Gorakhpur	Sanskrit Persian, Arabic Draw ing, Further Mathematics, Science, Commerce and Manual Training	Ditto

Note.—The entries—F.H., I.C. and U.C.T.M. try

Serial No.	School.	Optional subject or subjects in which recognition has been granted.	Vernaculars in which recognition has been granted.	GORAKHPUR DIVISION— (concluded).	Arabic, Persian and Sanskrit ..	Urdu and Hindi ..	Provisional recognition extended to the High School Examination of 1925.	Remarks
124	George Islamic High School, Gorakhpur.	Sanskrit, Persian, Arabic, Science and Drawing.	Ditto ..	Sanskrit, Persian, Drawing and Science.	Ditto ..	Ditto ..	Provisional recognition extended to 1926.	..
125	Gorakhpur High School, Gorak- pur.	Sanskrit, Persian, Arabic and Drawing.	Ditto ..	Sanskrit, Persian, Drawing and Science.	Ditto ..	Ditto ..	Provisional recognition extended to 1927.	..
126	St. Andrew's Collegiate School, Gorakhpur.	Sanskrit, Persian, Arabic and Drawing.	Ditto ..	Sanskrit, Persian, Arabic and Drawing.	Ditto ..	Ditto ..	Provisional recognition extended to 1927.	..
127	King Edward High School, Deoria.	Sanskrit, Persian and Drawing..	Ditto ..	Sanskrit, Persian and Drawing..	Ditto ..	Ditto ..	Provisional recognition extended to 1927.	..
128	Government High School, Basti	Sanskrit, Persian and Drawing..	Ditto ..	Sanskrit, Persian, Cormoroo, Drawing and Science.	Ditto ..	Ditto ..	Provisional recognition extended to 1927.	..
129	Ratan Son High School, Bansi, district Basti.	Sanskrit, Persian, Cormoroo, Drawing and Science.	Ditto ..	Sanskrit, Persian ..	..	Ditto ..	Provisional recognition extended to 1927.	..
130	Wesley High School, Azamgarh	Sanskrit and Persian ..	Ditto ..	Sanskrit, Persian and Arabic ..	..	Ditto ..	Provisional recognition extended to 1927.	..
131	Smith High School, Azamgarh, district Azamgarh.	Sanskrit, Persian and Arabic ..	Ditto ..	Sanskrit, Persian and Arabic ..	..	Ditto ..	Provisional recognition extended to 1927.	..
132	George High School, Azamgarh	..	..	..	..	..	..	..

KUMAUN DIVISION

133	Government High School Nainital Tal.	Sanskrit Further Sciences,	Persian Mathematics and Drawing	Hindi and Urdu
134	Hastinapur High School Nainital Tal.	Sanskrit Drawing and Persian	Hindi.	
135	Government Intermediate College Almora	Sanskrit Persian Drawing and Science	Do	
136	Ranikhet High School Almora	Sanskrit Persian Drawing Further Mathematics and Be once	Hindi and Urdu	Provisional recognition in Hindi extended to 1925.
137	M. Samore High School, Ranikhet (Garhwal)	Sankrit Drawing and Science	Hindi	Provisional recognition extended to 1927
138	Government High School Sri Nagar (Garhwal)	Ditto	Hindi and Urdu	Recognition in Urdu extended to the 11th School Examination of 1926
139	Udaleri Hindi School Kashipur	Sanskrit and Drawing	Ditto	Provisional recognition extended to 1927
140	King George School, Lansdowne	Do	Hindi	
LUCKNOW DIVISION				
141	Government Job-e-Istirahat College, Lucknow	Sanskrit Persian Arabic Drawing Commerce Science and Vaniya Training	Hindi and Urdu	
142	Unnati High School Luck Now	Sanskrit Persian Arabic Drawing and Science	Ditto	
143	C. V. S. Market High School, Lucknow	Sanskrit Persian Drawing and Science	Ditto	

NOTE.—Science—Physics and Chemistry

Serial no School.	Optional subject or subjects in which recognition has been granted.	Vocational in which recognition has been granted.	Remarks
LUCKNOW DIVISION— (continued)			
111 Kaliaghur High School, Lucknow	Sanskrit, Persian, Drawing and Science	Hindi and Urdu	Provisional recognition extended to 1927.
115 Queen's Anglo-Sanskrit High School, Lucknow.	Sanskrit, Persian, Commercial Drawing, Commerce and Science	Hindi, Urdu and Bengali	Provisional recognition extended to 1927.
116 Christian Intermediate College, Lucknow.	Sanskrit, Persian, Commercial Drawing, Commerce and Science	Hindi and Urdu	Provisional recognition extended to 1927.
117 Hari Chauri High School, Lucknow.	Sanskrit, Persian, Drawing and Science	Ditto	Provisional recognition extended to 1927.
118 Aminabad High School, Lucknow.	Sanskrit, Persian, Drawing and Science	Ditto.	Provisional recognition extended to 1927.
119 Colvin Talukdar's High School, Lucknow.	Sanskrit, Persian, Botany and Sonorconomics	Botany and Sonorconomics	Provisional recognition extended to 1927.
150 Falguni High School, Lucknow.	Persian, Arabic, Drawing, Sanskrit and Science	Urdu and Hindi	Provisional recognition extended to 1927.
151 Girdhari Singh Patlaha, Lucknow.	Sanskrit, Persian, Science and Drawing.	Hindi and Urdu	Provisional recognition extended to 1927.
152 D. A.-V. School, Lucknow	Sanskrit, Persian and Drawing	Ditto	Provisional recognition extended to 1926.

		Urdu	Hindi and Urdu						
153	Sbia Intermediate College, Lucknow	Sanskrit, Persian, Drawing and Science	Sanskrit, Persian, Drawing and Science	Sanskrit, Persian, Arabic, Drawing and Science	Sanskrit, Persian, Arabic, Drawing and Science	Sanskrit, Persian and Science	Sanskrit, Persian and Drawing	Sanskrit, Persian, Arabic, Drawing and Science	Sanskrit, Persian, Arabic, Drawing and Science
154	Kanya Kuba Intermediate College, Lucknow	Ditto							
155	Government High School, Unao	Ditto							
156	K. D. J. High School, Manrawan, district Unao	Ditto							
157	Government High School, Rae Bareli	Rae Bareli	Rae Bareli	Rae Bareli	Rae Bareli	Rae Bareli	Rae Bareli	Rae Bareli	Rae Bareli
158	Hindu High School, Rae Bareli	Ditto							
159	Government High School, Sitapur	Ditto							
160	Colvin High School, Mathura abd, district Sitapur	Sanskrit, Persian and Science	Sanskrit, Persian and Science	Sanskrit, Persian, Arabic and Science	Sanskrit, Persian and Science	Sanskrit, Persian and Science	Sanskrit, Persian and Science	Sanskrit, Persian and Science	Sanskrit, Persian and Science
161	Seth Jai Dayal School, Bharatpur	Ditto							
162	Raja A. V. School, Sitapur	Drawing							
163	Government High School, Narodol	Sanskrit, Persian, Arabic, Drawing and Science							
164	King George's Khataltiya School, Hardoi	Ditto							

Serial No.	School	Option of subjects or subjects in which recognition has been granted.	vernacular in which recognition has been granted	Remarks.
LUCKNOW DIVISION (concluded).				
165	Dinanat Sahiba High School, Lakhimpur	Sanskrit, Persian, Science and Drawing.	Hindi and Urdu.	Provisional recognition extended to 1926.
166	Government High School, Lakhimpur.	Sanskrit, Persian, Arabic, Draw- ing and Science.	Ditto	..
167	Government Intermediate College, Fyzabad.	Sanskrit, Persian, Arabic, Draw- ing and Science.	Hindi and Urdu.	Provisional recognition extended to 1927.
168	Forbes High School, Fyzabad.	Urdu, Persian, Sanskrit and Drawing.	Ditto	..
169	Maharaj Lal High School, Fyz- abad	Persian, Sanskrit, Drawing and Science.	Ditto	..
170	Government High School, Gorak- hpur.	Sanskrit, Persian, Arabic, Draw- ing and Science.	Ditto.	..
171	Lynn College High School, Balram- pur, district Gorakhpur.	Sanskrit, Persian, Drawing, Science and Commerce.	Ditto.	..
172	Government High School, Sultan- pur.	Sanskrit, Persian, Arabic, Draw- ing and Science.	Ditto.	..

163	Government High School, Parabagh	Punjabi, Persian, Drawing and Further Mathematics.	Ditto	Ditto
174	Vijit Bombana High School, Parabagh	Sanskrit, Persian, Drawing and Sanskrit, Persian, Arabic, Drawing and Science.	Ditto	Ditto
175	Government High School, Baranki	Sanskrit, Persian, Arabic, Drawing and Science.	Ditto	Ditto
176	Government High School, Rabraich	Sanskrit, Arabic, Persian, Science and Drawing.	Ditto	Ditto
177	Isabella Thoburn High School, Lucknow	Girls' Schools. Agricultural Botany, Persian, Sanskrit Latin and French.	Ismail and Ursia	Ditto
178	A. P. Muslim Girls' High School Deoband	Persian and Domestic Science	Ditto	Ditto
179	Mary Wansmaker Girls' High School Allahabad	Ditto	Ditto	Ditto
180	Queen Victoria Girls' High School, Agra	Domestic Science ..	Ueda	Ueda
181	Theosophical National Girls School and Women's College, Benares	Sanskrit and Drawing	Ueda	Ueda

Provisional recognition
In Further Mathematics,
tion extended to 1925.

Serial no.	School.	Optional subject or subjects in which recognition has been granted.	Vernaculars in which recognition has been granted.	Remarks.
182	Crossthwaite Girls' College, Allahabad.	Girls' Schools - (concluded).	Sanskrit, Persian and Drawing ..	Hindi, Urdu, Marathi, Gujarati and Bengali;
183	Jaint Taran Girls' High School, Allahabad.	Sanskrit	..	Recognized provisionally for the High School Examination of 1925.
184	M. F. Mission Girls' School, Meerut.	Persian	..	Urdu.
185	St. George's Intermediate College, Mussoorie.	High Schools for Europeans	Required in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1901.	Ditto. -
186	St. Joseph's College, Allahabad.			Note:- Science—Physics and Chemistry.

List of Institutions in the United Provinces recognized for the Commercial Diploma Examination of 1925

LIST OF RECOGNIZED INSTITUTIONS

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Serial no.	Name of institution.	Remarks
1	Meerut College, Meerut	
2	Lucknow Christian College, Lucknow	
3	St. John's College, Agra	
4	D A V College, Lawrence	
5	Santat Dharma College of Commerce, Cawnpore	
6	Shyam Sunder Memorial Intermediate College, Chandannagar	

LIST OF INSTITUTIONS OUTSIDE THE UNITED PROVINCES RECOGNIZED FOR THE EXAMINATIONS CONDUCTED BY THE BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION FOR 1925.

List of institutions situated in Ajmer-Merwar and Rajputana Agency, and admitted to the privileges of recognition by the United Provinces Board for the High School and Intermediate Examinations of 1925.

Serial No.	Name of Institution.	Optional subjects and the vernaculars in which recognition has been granted.	Remarks.
HIGH SCHOOLS.			
1	Railway Anglo-Vernonkar High School, Ahu Road.	Parsi, Sanskrit, Science, Urdu, Hindi and Gujarati.	
2	Government High School, Ajmer ..	Sanskrit, Persian, Spinoza, Hindi, Urdu and Drawing.	
3	D. A. V. High School, Ajmer ..	Sanskrit, Science and Hindi.	
4	Husband Memorial High School, Ajmer	Sanskrit, Science, Hindi, Persian and Urdu.	
5	St. Anselm's High School, Ajmer ..	Latin, French, Urdu, Science and Drawing.	
6	Convent School, Ajmer ..	Drawing, French, German and Urdu	

Moons Islamia School, Ajmer	Persian, Urdu and Drawing
8 Mission High School, Deawar	Sanskrit, Science, Persian, Hindi, Urdu and Arabic
9 Mission High School, Nasrabad	Sanskrit, Persian, Hindi and Urdu and Commerce
	* Recognised provisionally in Commerce from 1925.
10 Government College, Ajmer	INTERMEDIATE COLLEGE. Mathematics, Physics, Chemistry, Logic, History, Sanskrit and Persian

List of institutions situated in the Indian States of Rajputana and admitted to the privileges of recognition by the United Provinces Board for the High School and Intermediate Examinations of 1925

HIGH SCHOOLS	
1	Utar High School Alwar
2	Sardar High School Bharatpur
3	Dungarpur Collegiate School Dungarpur
4	Walter Nobles' High School, Firozepur
	Persian, Sanskrit, Hindi, Urdu and Science
	Sanskrit, Persian, Hindi, Urdu, Physics and Chemistry
	Sanskrit, Persian, Hindi, Urdu, Physics, Chemistry and Drawing
	Sanskrit and Hindi

Serial no.	Name of institution	Optional subjects and the Varnacalara in which recognition has been granted.	Remarks.
RAJPUTANA HIGH SCHOOLS. <i>(continued).</i>			
5	Darbar High School, Bundi	.. Recognised in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904.	Ditto.
6	U. F. C. Mission High School, Jalpur	.. Ditto.	Ditto.
7	Maharaja's Collegiate School, Jalpur	.. Ditto.	Ditto.
8	Anglo-Vedic High School, Jhumer	.. ..	Sanskrit, Persian, Science, Hindi, Urdu and Drawing.
9	Darbar High School, Jodhpur	.. ..	Sanskrit and Hindi
10	Rajput High School, Jodhpur	.. ..	Sanskrit, Persian, Science, Hindi, Urdu and Drawing.
11	Sri Pratap School, Jodhpur	.. ..	Recognised in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904.
12	Maharaja's High School, Karauli	.. ..	Ditto.
13	State High School, Khetri	.. ..	Ditto.

14	Herbert High School, Kotah	Ditto	
15	Darbar High School, Tonk	Ditto	Recognition in Science and Drawing extended to the High School Examination of 1926
16	Maharani's High School, Udaipur	Recognised in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904, and also in Science and Drawing	
17	Darbar High School, Jhalrapatan	Recognised in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904	Recognised for the High School Examination of 1925
18	Santati Dharam Prakashni Pathibala Deawar	Sanskrit, Science, Urdu and Hindi	
19	Maharana High School, Dholpur	Hindi, Sanskrit, Science, Drawing, Urdu and Hindi.	
INTERMEDIATE COLLEGES			
20	Maharaja's College, Jaipur	Recognised in all the subjects taught by the University for the Intermediate Examination previous to the passing of the Universities Act of 1904.	
21	Maharana's College, Udaipur	Persian, Sanskrit, Logic, Ancient or Modern History, Physics, Chemistry and Mathematics	Provisional recognition extended to the Intermediate Examination of 1926.
22	Jaswant College, Jodhpur	Sanskrit, Persian, Chemistry, Mathematics, Logic, Ancient History, Physics and Economics	

List of Institutions in Gwalior State admitted to the privileges of recognition by the United Provinces Board for the High School and Intermediate Examinations of 1926.

Serial no.	Name of institution	Optional subjects and the Vernaculars in which recognition has been granted.	Remarks.
HIGH SCHOOLS.			
1	Victoria College, Lakhkar	Recognised in all the subjects taught by the University for the Entrance Examination previous to the passing of the University Act of 1901.	Ditto.
2	Morarji High School, Morarji	..	Ditto.
3	Madhava College, Ujjain	..	Ditto.
4	Sardar's High School, Gwalior	..	Science, Marathi, Hindi, Urdu, Drawing, Agriculture with Surveying, Sanskrit and Persian.
5	Victoria College, Lakhkar	..	INTERMEDIATE COLLEGE.
			Recognised in all the subjects for the Intermediate Examination taught by the University previous to the passing of the Universities Act of 1901. Economics.

List of Institutions in Central India admitted to the privileges of recognition by the United Provinces Board for the High School and Intermediate Examinations of 1925

UNION SCHOOLS		The candidates here have been prepared from time to time for examinations in Physics, Chemistry, Sanskrit, Persian, Urdu, Hindi, and Agriculture
	In all subjects	
1	Government High School, Nowrangpur	Recognized in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904.
2	Zoroastrian High School, Nowrangpur	Ditto
3	Convent High School, Nowrangpur	Sanskrit, Persian, Urdu and Urdu
4	Mahendra High School, Tikamgarh (Orchha)	Ditto
5	High School, Panna	Ditto
6	Ganga Singh High School, Charkhardi	Ditto
7	Maharaja's High School, Chhatargarh	Ditto
8	High School, Datia ..	Sanskrit, Persian, Physics, Chemistry, Hindi, Urdu, Bengal and Drawing
9	Maharajah Shriya Shiela High School, Indore	Recognized in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904.

Serial No.	Name of Institution,	Optional subjects and the vernacular in which recognition has been granted,	Remarks
OPTIONAL SUBJECTS AND THE VERNACULAR IN WHICH RECOGNITION HAS BEEN GRANTED,			
CENTRAL INDIA HIGH SCHOOLS— (continued),			
10	Government John High School, Indore	Sanskrit, Marathi, Hindustani and Drawing with pen.	Indore also to conduct one to appear in Solonoo, provided they attend regular course of instruction in such subjects as the Malwa and Bhilwaja Rao High School, Indore.
11	Government Mahila Vidyalay, Indore (High School).	..	Hindi, Urdu, Sanskrit, Persian, Solomon and Drawing.
12	Darbar High School, Rewah	..	Hindi, Urdu, Sanskrit, Persian, Solomon and Drawing.
13	Yashwant High School, Satara	..	Hindi, Urdu, Sanskrit, Persian and Solomon.
14	Government High School, Indore Residency.	..	Solonoo, Persian, Hindustani, English, Urdu and Drawing.
15	Indore Christian College High School, Indore.	..	Solonoo, Persian, Marathi, Hindustani, Drawing and Hindi.
16	Canadian Mission Girls' High School, Indore.	..	Persian, Physical, Chemistry, French and English.
17	King Emperor George V. High School, Dewas, G.I.	..	Sanskrit, Solomon, Marathi, Hindustani and Drawing.
18	Victoria High School, Dewas, J.B.	..	Sanskrit, Solomon, Hindustani, Persian, Urdu, Marathi and Drawing.

19	Barr High School, Jagra	Sciences, Persian, Hindi and Urdu	
20	Darbar High School, Ratlam	" Sanskrit, Persian, Hindi, Urdu, Physics, Chemistry and Drawing	
21	Alexandra High School Bhopal	Persian, Urdu, Sanskrit and Science	
22	Jehangir High School, Bhopal	" " ditto	
23	Benali High School, Raigarh	Sanskrit, Persian, Hindi and Urdu	"
24	Victoria High School, Narwana	Sanskrit, Persian, Hindi and Urdu	"
25	Government High School, Gobor	Persian, Sanskrit, Urdu, Hindi, Science and Drawing	"
26	King Edward High School, Sialkot	Sanskrit, Persian Drawing Hindi and Urdu	
27	Arand High School, Dhar	Science, Sanskrit, Persian, Hindi Urdu and Drawing	
28	Victoria High School, Barwani	Sanskrit, Hindi, Persian and Urdu	
29	Daly College, Indore	Science Hindi and Urdu	
30	Sir Ram Singh High School, Matam	Sanskrit, Persian Drawing Hindi, Marathi and Urdu	" Recognized provisionally in Urdu.
INTERMEDIATE COLLEGES			
31	Indore Christian College, Indore	Sanskrit, Persian Mathematics, History, Logic and Economic	
32	Wolker College, Indore	History, " " " " " " Logic, Mathematics, Economic, Physics and Chemistry	

APPENDIX A.*Dates of the High School, Intermediate and Commercial Diploma Examinations of 1925.*

In 1925.—The High School, the Intermediate and the Commercial Diploma Examinations will commence on the 19th March, 1925.

APPENDIX B

**Byelaws of the Board framed under section 20 of
the Intermediate Education Act 1921**

- 1 At all meetings of the Board seven members inclusive of the Chairman shall form a quorum.
- 2 If a quorum is not present thirty minutes after the advertised time of the meeting there shall be no meeting.
- 3 If in the course of a meeting any member calls attention to the absence of a quorum the Chairman shall dissolve the meeting.
- 4 Every question shall be decided by a majority of the votes of the members present. In the case of the votes being equally divided the Chairman shall have a second vote.
- 5 If a member continuously disregards or questions any order or ruling of the Chairman made at a meeting of the Board, the Chairman may take the vote of the meeting as to whether such member shall not be suspended for that day. If the members present decide upon suspension the Chairman shall declare the offending member suspended and such member shall be bound immediately to withdraw.
- 6 No motion which has been negatived by the Board shall be again brought forward except with the permission of the Chairman within one year from the date upon which it was negatived.
- 7 All meetings of the Board shall be presided over by the ex officio Chairman of the Board. In the absence of the Chairman the members present shall elect a Chairman.
- 8 Meetings of the Board and of its Committees shall unless for special reasons the Chairman otherwise directs be held at Allahabad.
- 9 The election of co-opted members of the Board shall be held at the Annual Meeting of the Board.
- 10 Notice in writing of meetings of the Board shall be despatched to all members of the Board not less than three weeks before the meeting together with the agenda paper for the meeting.

11. No business other than that contained in the agenda paper shall be transacted at a meeting unless with the consent of the Chairman.

12. Notice of a motion or resolution to be moved at a meeting of the Board must be in the hands of the Secretary not less than 10 days before the meeting.

13. All questions as to whether proper notice of a motion has been given shall be decided by the Chairman, whose decision shall be final.

14. (a) No motion or resolution of which due notice has not been given may be moved at a meeting of the Board, except—

- (1) to adjourn a debate,
- (2) to adjourn the meeting,
- (3) to dissolve the meeting,
- (4) to change the order of business,
- (5) to refer any matter to any authority of the department or the University or the Government.
- (6) to pass to the next item of business,
- (7) to appoint a committee,
- (8) to resolve the meeting into a Committee,
- (9) to propose that the question be now put.

(b) A motion under (1), (2), (6) or (9) above shall be put to the vote without discussion.

(c) Motions under (1), (2), (3), (4), (6), (8), and (9) shall only be moved with the previous consent of the Chairman.

15. Every motion shall be affirmative in form and shall begin with the word "that."

16. Every motion must be seconded, otherwise it shall drop. The seconder of a motion may reserve his speech with the permission of the Chairman.

17. When a motion that is in order has been seconded, it shall be stated from the Chair, before it is discussed.

18. If no member rises to speak to the motion after it has been stated from the Chair, the Chairman shall proceed to put the question to the vote.

19 Not more than one motion and one amendment thereto shall be placed before the meeting at the same time.

20 A motion once disposed of shall not be again brought forward at the same meeting, or at any adjournment thereof.

21 No amendment shall be proposed which would in effect constitute a direct negative to the original motion.

22 Every amendment must be relevant to the motion upon which it is moved.

23 No amendment shall be proposed which substantially raises a question already disposed of by the meeting or which is inconsistent with any resolution already passed by it.

24 The order in which amendments that are in order are to be taken up shall be determined by the Chairman.

25 An amendment must be seconded in the same way as a motion, otherwise it shall drop. A seconder of an amendment may reserve his speech with the permission of the Chairman.

26 When an amendment that is in order has been moved and seconded it shall be stated from the Chair.

27 The mover of a motion for dissolution or adjournment has no right of reply.

28 When the Chairman has announced that no other member entitled to address the meeting desires to speak, the mover of the original resolution may reply upon the whole debate.

29 No member shall speak to the question after the mover has entered on his reply.

30 When the debate is concluded the Chairman shall after summing up if he so desires put the question to the vote thus —

(1) If there is an amendment the Chairman shall state the motion and the amendment and take the vote of the meeting.

(2) If the amendment is negatived, the original motion shall be again stated from the Chair, and subject to the foregoing regulations, any other amendment which is in order may then be proposed thereto.

(3) If an amendment is carried, the motion, as amended, shall be stated from the Chair, and may then be debated as a substantive question, to which any further amendments to the original motion which are in order, so far as they shall be applicable, may be proposed, subject to the foregoing regulations. Such further amendments shall be disposed of in the same manner as the original amendment. When all the amendments have been thus dealt with, the Chairman shall take the vote of the meeting on the motion as amended as the substantive resolution.

31. A motion for dissolution or adjournment may be moved at any time as a distinct question, but not as an amendment, nor so as to interrupt a speech

32. If a motion for dissolution is carried, the business before the meeting shall drop.

33. If a motion for adjournment is carried, the meeting shall be adjourned, and the business shall be resumed at the adjourned meeting.

34. A motion for the adjournment of a debate to some specified date and hour may be moved in the like manner, and if it be carried, shall have the effect of postponing the debate on the question under consideration till the date and hour specified, and the other items on the agenda paper shall be proceeded with. If the motion be negatived, the debate shall be resumed.

35. A meeting or a debate, renewed or continued after an adjournment, is to be deemed one with that preceding the adjournment.

36 A motion to pass to the next item of business may be made at any time in like manner and subject to the same rules as one for adjournment. If such motion be carried, the motion under consideration and the amendment thereon, if any, shall drop.

37. At any time after a motion or amendment has been made a member may request the Chairman to put the question and if it appears to the Chairman that the motion has been sufficiently discussed, he may close the discussion by calling upon the mover for his reply, and may then put the question to the vote.

38. No member shall speak for more than fifteen minutes when proposing a motion or amendment or for more than ten minutes when seconding or speaking to a motion or amendment, or when replying.

39. The Chairman may, at any stage in the proceedings, at his own discretion or at the request of a member, explain the scope and effect of the motion or amendment which is before the meeting. He may also at the conclusion of a debate, sum up the debate if he so desires.

40 Any member may, with the permission of the Chairman, rise even while another is speaking, to explain any expression used by himself which may have been misunderstood by the speaker, but he shall confine himself strictly to such explanation.

41 Any member may call the Chairman's attention to a point of order even while another member is addressing the meeting, but no speech shall be made on such point of order.

42 The Chairman shall be the sole judge on any point of order, and may call any member to order and may, if necessary, dissolve the meeting and adjourn it to some hour on the same or the following day.

43 A motion or amendment may be withdrawn by permission of the Chairman by any member who has given notice of such motion or amendment.

44. Any motion or amendment standing in the name of a member who is absent from a meeting may be brought forward by any other mem' er.

45. On putting any question to the vote, the Chairman shall call for an indication of the opinion of the Board by a show of hands in the affirmative and negative, and shall declare the result thereof according to his opinion.

46. A motion for the appointment of a Committee on a subject under debate may be made by any member at any time, and without previous notice.

47. A motion for the appointment of a Committee must define the purpose for which the Committee is to serve and the number of members to compose it. Amendments for enlarging or restricting the number may be made without previous notice. If the motion is carried, the member moving shall name the persons whom he wishes to form the Committee. A ballot shall then be taken, if necessary, and the requisite number appointed from those who obtain the largest number of votes.

48. The Convener of a Committee shall be appointed at the time of the appointment of the Committee.

49. The resolutions of a Committee appointed by the Board shall be embodied in a report. The report shall be presented to the Board at its next meeting, subject to due notice.

50. Notice of meetings of Committees may be sent to members by the Conveners through the Secretary or direct, but in the latter case a copy of the notice must invariably be sent to the Secretary.

51. Meetings of all ordinary Committees of the Board shall, as far as possible, be held immediately before the meetings of the Board.

52. The Convener of a Committee shall furnish to the copy of the report of every meeting of the Com-
with a list of the members present.

um of a Committee shall not be less than
bers constituting it.

54 If the meeting of a Committee fails for want of a quorum the meeting may be adjourned to some other date when the members present will do in the absence of a quorum transact the business notified for the original meeting. The business of a meeting which fails for want of a quorum may also be transacted by correspondence.

55 Committees of Courses may dispose of their business partly by meeting and partly by correspondence.

56 At meetings of Committees of the Board every question shall be decided by a majority of the votes of the members present. In the case of the votes being equally divided the person presiding shall have a second vote.

57 As soon as practicable after meeting of the Board a draft of the minutes of such meeting shall be submitted by the Secretary to the Chairman and attested by him. The minutes shall then be printed and circulated to all members and such of them as were present shall within a fortnight of the issue of the minutes communicate to the Secretary any exceptions they may take to the correctness thereof. The minutes and the exceptions taken, if any, shall be laid before the next meeting of the Board and the minutes in their final form shall then be confirmed.

58 In any case not provided for by these by-laws the Chairman shall be entitled to give his own ruling as to procedure.

APPENDIX C.

List of the Panel of Inspectors for the Inspection of Intermediate Colleges.

The following persons have been nominated by the Board under Regulation 4, Chapter VII of the Board's Regulations for the inspection of Intermediate Colleges in association with the Divisional Inspector of schools :—

1. Dr. S. A. Khan, Head of the Department of History, Allahabad University, Allahabad.
2. Dr. P. K. Acharya, Head of the Sanskrit Department, Allahabad University, Allahabad.
3. Dr. N. R. Dhar, Dean of the Faculty of Science, Allahabad University, Allahabad.
4. Mr. A. A. Simpson, Principal, Training College, Allahabad.
5. Mr. H. Tinker, Principal, Training College, Agra.
6. Dr. Tara Chand, Principal, Kayastha Pathshala, Allahabad.
7. Rev. Canon A. W. Davies, Principal, St. John's College, Agra.
8. Lala Diwau Chand, Principal, D. A. V. College, Cawnpore.
9. Dr. W. S. Dudgeon, Professor of Botany, Ewing Christian College, Allahabad.
10. Mr. N. Heard, Badshah Bagh, Lucknow.
11. Mr. S. Higginbottom, Principal, Agricultural Institute, Naini (Allahabad).
12. Mrs. Saralabai Naik, Head Mistress, Muslim Girls' High School, Lucknow.
13. Rev. M. S. Douglas, Principal, Christ Church College, Cawnpore. (On leave).
14. Shams-ul-ulma M. Abbas Husain, Professor of Persian, Aligarh Muslim University, Aligarh.
15. Rev. Dr. J. R. Chitambar, M. A., D. D., Principal, Lucknow Christian College, Lucknow.

- 16 Mr S G Dunn, Head of the English Department, Allahabad University, Allahabad
- 17 Mr B Sanjiva Rao, Principal Queen's Intermediate College Benares
- 18 Rev. L Steele Professor of Commerce, St John's College, Agra
- 19 Rev E M Moffatt Principal Christian School of Commerce Lucknow
- 20 Mr A B Dhivya Pro-Vice Chancellor Benares Hindu University Benares
- 21 Dr Ganesh Prasad Late Professor of Mathematics, Benares Hindu University, Benares
- 22 Mr P K Telang Professor of History Benares Hindu University Benares
- 23 Dr S S Bhattacharya Professor of Chemistry, Benares Hindu University, Benares
- 24 Mr S B Smith Professor of History, Lucknow University Lucknow
- 25 Dr Radha Kamal Mukerji Professor of Economics and Sociology Lucknow University, Lucknow
- 26 Dr Wali Mohammad Professor of Physics, Lucknow University, Lucknow
- 27 Dr Ziauddin Ahmad Pro Vice Chancellor, Aligarh Muslim University, Aligarh
- 28 Mr F J Moss Retired Professor of English Aligarh Muslim University Aligarh
- 29 Mr M M Sharif, Professor of Philosophy Aligarh Muslim University Aligarh
- 30 Dr L K Hyder Professor of Economics Aligarh Muslim University, Aligarh
- 31 Mr M Hyder Khan Professor of Chemistry, Aligarh Muslim University Aligarh
- 32 Dr H S Trehar Professor of Arabic Aligarh Muslim University Aligarh
- 33 Dr K C Mehta, Professor of Biology Aga College Agra

34. Mr. H. Krall, Professor of Chemistry, Agra College, Agra.
35. Mr. A. C. Dutt, Professor of English, Bareilly College, Bareilly.
36. Mr. W. Jesse, Late Principal and Professor of English, Meerut College, Meerut.
37. Mr. T. D. Sully, Professor of Philosophy, St. John's College, Agra.
38. Major E. W. Daun, Professor, Aligarh Muslim University, Aligarh.
39. Professor D. P. Bhattacharya, Professor of Mathematics, Bareilly College, Bareilly.
40. Mr. V. S. Tamman, Professor of Physics, Meerut College, Meerut.
41. Mr. Madho Prasad, Professor of Chemistry, Meerut College, Meerut.
42. Mr. Chand Bahadur, Professor of English and History, Meerut College, Meerut.
43. Mr. S. K. Mittra, Professor of Economics, Bareilly College, Bareilly.
44. Mr. Lakshman Prasad, Principal, D. A. V. College, Dehra Dun.
45. Shams-ul-ulma Khwaja Kamal-ud-din, Professor of Arabic, Lucknow University, Lucknow.
46. Maulvi M. A. Nami, Lecturer, Arabic and Persian Department, Allahabad University, Allahabad.
47. Rev. E. W. Ormerod, Vice-Principal, Christ Church College, Cawnpore.
48. Dr. N. G. Chatterji, Assistant Chemist, Government Technological Institute, Cawnpore.
49. Mr. F. Shah Gilani, Professor of Persian, Meerut College, Meerut.
50. Miss Nichols, Principal, Isabella Thoburn College, Lucknow.
51. Mr. C. D. Thompson, Professor of Economics, Allahabad University, Allahabad.

- 52 Mr. C A Warburton, Professor of Economics, Allahabad University, Allahabad
- 53 Mr. J A Strang Professor of Mathematics, Lucknow University Lucknow
- 54 Mr W G P Wall Principal Government Intermediate College Allahabad
- 55 Mr R S Wear, Principal La Martiniere College, Lucknow
- 56 Mr T C Jones Principal Agra College, Agra
- 57 Mr S P Prasad Professor of Physics Agra College Agra
- 58 Mr Ekanath Banerji, Professor of Mathematics Agra College Agra
- 59 Maulvi S M Ibn Ibrahim, Professor of Arabic and Persian, Agra College, Agra
- 60 Mr Hitkari Singh Seth Professor of Zoology, Agra College Agra
- 61 Mr J C Powell Price Principal Government Intermediate College Almora
- 62 Rev A C Pelly, Principal and Professor of English St Andrew's College Gorakhpur
- 63 Mr C N Basu Mullick Professor of History, Meerut College Meerut
- 64 Mr P Seshadri Professor of English, Benares Hindu University, Benares
- 65 Mr R H Moody Officiating Assistant Director of Public Instruction, United Provinces Allahabad
- 66 Dr K N Bahl Professor of Zoology Lucknow University Lucknow
- 67 Dr S M Sune Professor of Chemistry, Lucknow University Lucknow
68. Mr Maya Das, Principal Agricultural College Cawnpore
- 69 Dr Meghoud Saha, Professor of Physics Allahabad University, Allahabad

70. Mr. M. K. Ghosh, Reader, Commerce department,
Allahabad University, Allahabad.
71. Mr. Hira Lal Khanna, Vice-Principal, D. A.-V.
College, Cawnpore.
72. Mr. Shankar Prasad Bhargava, Principal, S. D.
College of Commerce, Cawnpore.
73. Mr. S. C. Chatterji, Principal, Christ Church
College, Cawnpore.
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APPENDIX D

List of the teaching staff of Intermediate Colleges and Commercial Institutions in and outside the United Provinces recognized by the Board

MEERUT COLLEGE.

1	T F O'Donnell Esq	M.C.	Principal n/a
2	V S Tamman Esq	M.Sc.	Professor of Physics Allahabad)
3	G N Bose Mullick Esq		Do History M.A., (Allahabad)
4	Chand Bahadur Esq, M.A		Do English English (Allahabad) and M.A., History (Punjab)
5	Madho Prasad Esq	M.Sc.	Professor of Chemistry (Allahabad)
6	Madan Mohan Esq	M.A.	Professor of Mathematics (Benares)
7	Jadu Nath Sinha Esq		Professor of Logic M.A.P.H.S. (Calcutta)
8	V V. Sovani Esq	M.A.	Do Sanskrit (Bombay) M.B.O.R.I
9	Fazl Shah Gilani Esq	M.A.	Do Persian (Punjab)
10	Nand Lal Bhattacharjee Esq,		Do Economics M.A. (Allahabad) and English
11	V P Bidwell Esq	M.Sc.	Assistant Professor of (Allahabad) Physics
12	Rameshwar Dayal Esq		Assistant Professor of M.A. (Allahabad) Mathematics
13	Jai Narain Mathur Esq	M.Sc.	Assistant Professor of (Allahabad) Chemistry
14	Dori Lal Dubey, Esq, M.A.		Assistant Professor of (Allahabad) English and Econo mics

MEERUT COLLEGE—(concluded).

15. Banwari Lal, Esq., Com- Professor of Com-
mercial Diploma Holder, mmerce.
(Allahabad).
16. Shanker Lal, Esq. B.com., Ditto
(Lucknow)
17. Pealey Lal, Esq., Shastri Reader in Sanskrit.
(Punjab).
18. M. Mahmood Ali Grami, Dr. Persian
Esq., M.F., (Punjab).
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D A-V. INTERMEDIATE COLLEGE, DEHRA DUN.

1. L. Lakshman Prasad, M.A. English, Classes IX,
Principal. XI, XII.
2. Mr. A. D. Banerji, M.A., B.Sc., History, Classes X, XI.
B.L., Vice-Principal. XII.
3. B. Badri Nath Chitbar, Geography, Class X,
B.A., LT., Head Master. English X.
4. Mr. S. C. Bhattacharya, M.A., English Classes X, XI,
Assistant Master XII
5. Mr. A. S. Sinha, M.A., LT., Mathematics, Classes
Assistant Master. IX, X, XI and XII.
6. Mr. A. D. Chaudhri, M.Sc., Chemistry, Classes IX,
Assistant Master. XI, XII.
7. Vacant, M. Sc., Physics, Classes XI and
XII, Science, Class X.
8. Mr. S. B. Roy, M.A., Assistant English, Classes IX, X,
Master. Logic, Classes XI,
XII History,
Geography, Class
IX.
9. E. Ralia Ram, B.A., Assistant Mathematics, Classes
Master. IX, X.
10. B. Salig Ram, B.A., Assistant English, Classes IX, X,
Master. History, Geography,
Class IX.

D A - V INTERMEDIATE COLLEGE, DEHRA DUN--
 (concluded)

11. Pandit Ram Chandra Shastri, Sanskrit, Classes X,
 Shastri, Kavyatirtha, XI and XII, Hindi,
 Teacher of Sanskrit, Class X
 Ayurvedaupadhyaya Sa-
 hityacharya.
 12. Pandit Ram Chandra, Asstis- Sanskrit Class IX,
 tant Teacher of Sans- Hindi, Class IX.
 krit, Madhyma, Achary-
 ya I part.
 13. Pandit Basudeo Sharma, Hindi, Class IX,
 Assistant teacher of
 Sanskrit and Hindi,
 Madhyma, Acharya 2
 parts
 14. Syed Abbas Hussain, Teacher Persian, Classes X, XI
 of Persian, Munshi Alim and XII, Urdu,
 (Experienced). Class X.
 15. Syed Taqi Hussain, Manshi, Persian, Class IX,
 Assistant teacher of Urdu, Class IX
 Persian.
 16. B. Ayodhya Nath, Drawing Drawing, Classes IX
 Master, Senior Certifi- and X.
 cate, Punjab Mayo School
 of Arts, Lahore.
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N R E C. INTERMEDIATE COLLEGE, KHURJA

1. Mr. Brahma Swarup, M.A. English, Classes XI
 Allahabad (English), C.T. and X
2. Mr Chunni Lal Majumdar, Economics and Logic
 M.A., Calcutta (Economics) Class XI and Eng-
 lish, Class X.
3. Mr Ram Saran Das Sakse na, Chemistry, Class XI
 M.Sc., Allahabad and Science, Classes,
 (Chemistry). X, IX, Mathematics,
 Class IX.

N. R. E. C. INTERMEDIATE COLLEGE KHURJA—

(continued)

4. Mr. Ram Saran Kosbal, M.Sc., Physics, Class XI,
Punjab (Physics). Science, Class X and
Mathematics, Class IX.
5. Mr. Dina Nath Bharwua, M.A., English, Classes XI,
Allahabad (English). L.T. X, IX and Geogra-
phy, Class X and
History, Class XI.
6. Mr. S. S. Chaterji, M.Sc., Mathematics, Classes
Benares (Mathematics). XI and X.
7. Mr. Badri Narayan, M.A., Al- History, Classes XI, X,
lahabad (History). IX and English,
Class X (Resigned
since January,
1924)
8. B Govind Narain, B.A., ... History, Classes XI,
... X, IX and English,
Class X.
9. B Prem Behari Lal, B.A. ... English, Class IX.
10. B. Gopi Saran, C.D. ... Commerce, Classes X
and IX.
11. Mr. Lakshmi Narayan Sharma. Geography, Class X.
Intermediate.
12. P. D. Shesharhal Shastri, Mat- Sanskrit, Classes XI,
ric-Kavatirtham. X, IX and Hindi,
Class X.
13. M. Sultan Alum, Matrix. Persian, Classes XI,
Munshi. X, IX and Urdu.
Class X.
14. Mr. Ram Chandra Singhal. Drawing, Classes X
Entrance and Training and IX
in Drawing
15. P. Nathi Mal, S.L.C. C.T ... English and Geogra-
phy, Class IX.

**N R E C INTERMEDIATE COLLEGE, KHURJA—
(concluded)**

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| 16 | P Reoti Prasad Mudhra | Hindi, Classes X and
IX. |
| 17 | M Ziaul Hasan Munshi and
Advanced Urdu | Urdu Classes V and
IX |

**ALIGARH MUSLIM UNIVERSITY INTERMEDIATE
COLLEGE ALIGARH**

- 1 Abdul Majid Kureishi Esq M.A (All) Principal
- 2 Mr Syed Wali Mohammad M.A B.T Vice Principal
- 3 Mr Aziz Baksh M.A
- 4 Mr Muhammad Abdulla Butt M.A
- 5 Mr Muhammad Yaqub Beg Naqvi, M.A B.T
- 6 Mr Ghulam Sarwar M.A
- 7 Mr Muhammad Haziq M.A
- 8 Mr Muhammad Sharif M.Sc
- 9 Mr Sabil Uddin Hyder B.A L.T
- 10 Mr Muhammad Nazim Siddiqi M.A, B.T
- 11 Mr Asghar Ali B.A L.T
- 12 Mr Wajid Ali B.A
- 13 Mr Shamsul Hoda B.A
- 14 Mr Nawazish Ali B.A M.Sc
- 15 Mr S Noorul Hassan
- 16 Mr Kishan Lal Agarwal
- 17 Mr Mohammad Saleb Ansari
- 18 M Ahmad Nisar Ansari
- 19 M Badruddin
- 20 M Mukhtar Hyder
- 21 Mr Syed Ali Ahsan
- 22 Mr Sharif Ahmad B.Sc.
- 23 Mr Abtaul Hasan M.A
- 24 Mr Ehsan ul Haq B.Sc.
- 25 Mr Abrar Hussain Qadri B.A C.T
- 26 Mr Amir Ahmad Jilani M.A
- 27 Mr Habibur Rahman
- 28 Mr Abdul Baq B.A

AGRA COLLEGE.

1. T. C. Jones, Esq., B.A. Principal.
2. Ekanath Banerji, M.A., B.Sc., Mathematics.
(Allahabad), Mathematics.
3. Chandrapuri Goswami, M.A., English.
LL.B., (Allahabad).
4. Syed Muhammad Ibn Ibrahim, Persian.
him, M.A., (Allahabad), 1st
class Arabic.
5. Krishna Lal Misra, M.A., Sanskrit.
(Allahabad)
6. Mahdi Husain, M.A., (Punjab), History.
7. P. M. Bhambhani, M.A., (Bombay), Logic
Philosophy.
8. Hari Ram, M.A., B.T., (Panjab), English
English, M.A. (Allahabad),
Philosophy.
9. Gokal Chand, M.A., LL.B., Do
(Allahabad), English, B.A.
(Hons.).
10. Nagendra Nath Mukerji, M.A., Do
(Calcutta), English, F.R.E.S.
(London).
11. Bibhutī Bhushan Sen, M.Sc., Mathematics.
(Calcutta), 1st class First,
Maths., 1st class Hons.
Maths., B.Sc
12. Chaman Lal Mital, M.Sc., Chemistry.
(Allahabad), Chemistry.
13. Jang Bahadur Jha, M.Sc., Do
(Allahabad), Chemistry.
14. Sukhdeo Prasad, M.Sc., Physics.
(Allahabad) Physics.
15. Madho Lal Jaiswal, M.Sc., Do.
(Allahabad), Physics.

AGRA COLLEGE-(contd. add)

- 16 Salig Ram Sard M.Sc. Biology
(Punjab), Botany
- 17 Nival Kishore Singh M.Sc. Zoology
(Allahabad) Zoology
- 18 Mrs Riley Exhibition Somer Economics
vile College Oxford B.A
(distinction) History short
ened Hons Course
- 19 Moti Lal M.Sc. (Allahabad) Chemistry
Chemistry
- 20 Praveshwar Nath Kathuria, Do
B.Sc. (Allahabad)
- 21 Parshottam Das B.Sc. (Allah. Do
ahad)
- 22 Sadri Behari Raizada M.Sc. Physics
(Allahabad) Physics
- 23 Ram Swarup Singh B.Sc. Do
(Allahabad)
- 24 Bishambhar Dayal B.Sc. Do
(Allahabad)
- 25 Kanhaiya Lal M.Sc. (Allah. Biology
abad) Zoology
- 26 Bipin Behari Gupta M.Sc. Do
(Allahabad) Zoology
- 27 M. N. Datta M.Sc. (Prev.) Do
Allahabad
- 28 Raghunandan Prasad M.Sc. Do
(Prev.) Allahabad

ST. JOHN'S COLLEGE AGRA

- 1 The Rev Canon A. W. Davies M.A. (Oxon) Lit
Hm Principal
- 2 The Rev T. D. Sully B.A. (Oxon) Lit. Hum
Vice Principal

ST. JOHN'S COLLEGE AGRA—(continued).

English.

3. The Rev. Canon A. W. Davies, M.A. (Oxon.), Lit. Hum., Professor.
4. Mr. C. Mahajan, M.A. (Bombay), English Literature ,.
5. Mr. W. Owens, B.A. (Sydney), M.B.E., Assistant Professor.
6. Mr. T. R. Milford, B.A. (Oxon.), Lit. Hum., 1st class ,.
7. Mr. G. L. H. Sumner, B.A. (Cantab.), ,.
8. Mr. Badri Prasad Mathur, B.A. (Allahabad), Tutor.
9. Mr. D. N. Sharma, M.A. (Prev.) Allahabad ,.
10. Mr. Parmeshwari Dayal, B.A. (Allahabad) ,.
11. Mr. G. B. Tavakley, B.A. (Allahabad) ,.

Logic.

12. The Rev. T. D. Sully, B.A. (Oxon.), Lit. Hum., Professor.
13. Mr. H. B. Mundle, M.A. (Calcutta). Philosophy, Assistant Professor.

Economics.

14. Mr. J. T. Goodchild, M.A. (Sheffield), Professor.
15. Mr. Uday Pratap Singh, B.A. (Allahabad), Lecturer.

History.

16. Mr. J. C. Taluqdar, M.A. (Calcutta), History, Professor.
17. Mr. T. G. John, M.A. (Madras), Assistant Professor.

Mathematics.

18. Mr. C. R. Chaturvedi, M.A. (Allahabad), Mathematics, Professor.
19. Mr. C. B. Srivastava, M.A. (Allahabad), Mathematics, Assistant Professor.
20. Mr. Radha Raman, B.A. and M.A. Tutor (Previous), Mathematics.
21. Mr. Beasasi Das, B.A. (Allahabad) ,.

ST JOHN'S COLLEGE AGRA—(continued)
Persian and Arabic

- 22 Maulvi Ali Ahmad Khan Assistant Professor
Sanskrit
- 23 Pt. Ghanashyam Sharma Assistant Professor
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19. B. N. Kar, Esq., M. A. ... Physics.
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 S. T. B. (also Warden, C. L.
 Bare Hostel for non-Chris-
 tian students).
22. E. W. Mumby, Esq., B. A. Athletics and Physical
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 and Fazil.
28. Sarju Prasad Sinha, Esq. ... Shorthand, Book-keep-
 ing and Account-
 ancy.
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 13. Mr. Khadiim Husain, M.F., ditto.
 14. Mr. Ganga Prasad, Madhyama, ditto.
 15. Mr. Baqar Ali Najafi, M.F., Language Trained, Assistant Master.
 16. Mr. Tika Ram Agnihotri, Madhyama, Assistant Master.
 17. Mr. Ram Datt Tewari, Drill Trained, Assistant Master.
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 (Hours).
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 2. Rev. Br. Cuthane Vice-Prin. Mathematics and Latin.
 cipal.
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 matics
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 5. Mr. Joshi .. Chemistry.
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 lish
 (Glasgow), Principal.
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 (Aberdeen)
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 (Glasgow)
 4. A. D. Joshi, Esq., B. SC., L.T. Ditto
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 6. C. W. Longman, B.A. (Allah- History
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 7. R. C. Dault, Esq., M. A. Mathematics
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(with Honours), in Sanskrit, Sanskrit, II „,
English, Philosophy, B.T., M.A. „, X Class.
in Indian Language—Pali „, I year.
Prakrit. Assamese and
Bengali, standing First
Class first from the Cal-
cutta University in 1921,
Assistant Teacher.
3. Mrs. C. A. Gardener, Training English, II year.
Diploma from Government General English, Geo-
Training College, Kurseong, graphy, X Class.
Bengali, B.A. degree from English, X „,
Cornell Town, U. B. A. General English, I and
(A Class), Assistant II year.
Teacher.
4. Mrs. H. R. Madan, Allahabad History, X Class.
University, B.A. (Persian Persian, II year.
English, History—Indian History (3), IX Class.
and European), Assistant „ (3), VIII Class
Teacher. Persian, X Class.
Urdu, X Class.
5. Miss L. P. Clement, B.A. Mathematics, X Class.
(Allahabad University), „ VIII (3) „,
in Economics and „ VIII „,
Philosophy, Assistant Teacher. „ X „,
„ VII „
6. Miss Sri Kuar Seth, B.A. in Mathematics VI Class.
English (University of Economics, I year.
Lucknow), Assistant Teacher. General English, VII
Class.
History (3), II year.
General English, IX
Class.

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ALLAHABAD—(concluded).

7. Mrs Rowan, B.A (Calcutta University), with distinction in Mathematics, Botany and English, Medalist in Botany, B.T. with distinction, Assistant Teacher. Logic, 1 year Mathematics, IX Class. Translation (3) VI „ Geography, IX (3) „ VIII (3) „ Hindi (2) X Class Geography, VIII (3) Class
- 8 Miss Labanya Das (Calcutta University), I A, First division, Gold Medal for sewing received from Vidyawaya High School, Mymensingh the Primary and Secondary Mary Carmichael Diploma for sewing and Gold Medal for Music awarded by the Raja of Mymensingh received through the Vidyawaya High School, Mymensingh, Assistant Teacher.
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- 1 Miss M Dimmitt, B.A. English, Class XII
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7. Miss O. Reddick, M.A. ... Bible, Public Speaking and Economics, Classes XII and XI.
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10. Miss H. McMillan, B.A., M.B. Music, Classes XII—IX.
11. Mr. Sri Ram Srivastava, M.A. Sanskrit and Hindi, Classes XII—X.
12. Munshi Baij Nath Figar ... Persian and Urdu, Classes XII and X.
13. Miss G. Gideon, B.A. ... Geography, Mathematics and Indian History, Classes XI—IX.
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6	Mr K V Prasad M.A. (Cal.)	Logic Classes VI and XII
7	Mr T A Bhandar or Sahit yacharya (Matria. A.U.)	Sanskrit, Translation Class IX Sanskrit Classes I XI and XII
8	Pandit Ramprasad Kathak Sahityacharya	Sanskrit Class IX
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7. Babu Ba'makund Jain, B.A., English, Class VIII.
C.T.
8. Babu Raj Behari Lal, B.A., English, History and Geography, Classes IX and X, Conversation, Class III.
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B.A., L.T. Class X, Mathematics, Classes Xa, and VIIIa, English Dictation, etc., Class IXb.

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| 15 M. Riasat Ali Khan B.A. L.T | English Class VIIa, History and Geography Classes VIIIb and VIIa History, Class VI |
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 tion, Class VIIIb,
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28. P. Lalman Sharma, Visharad Hindi, Classes IXa,
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and XI and Mathe
matics Classes X
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† Now officiating as Lecture Training College Allahabad.

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23. M. Abdnl Hařz, Mulla Examination. Urdu, Class IX, and Persian, Classes X and IX.
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6. „ Ummaid Ali, M.Sc. Science, Classes XI and XII
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8. „ K. N. Joshi, B.A., L.T. English Classes X and IX Geography, Class IX
9. „ Saugam Lal, B.A., L.T. English Text, Class IXb Geography, Class Xa, English Translation, Class IXc
10. „ B. L. Srivastava, B.A., L.T. English Text, Class IXa History, Class IXa, English Translation, Class IXb
11. „ L. N. Silsena, B.Sc. Science, Class X
12. „ N. C. Mathur, B.Sc., L.T. Science, Class IX.
13. „ B. Bilmakund, Inter. Mathematics, Classes IX and X.

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Fazil.
 15. Pandit Kesho Dutta Shastri, Sanskrit, Classes IX
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ya.
 16. Pandit Manzur Din Tirpathi, Hindi, Class X.
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of Benares, Nadia and
Calcutta).
 17. M. Syed Mir Hassan Abidi. Persian, Classes X and
M.L. Munshi, E.L.Y. IX.
 18. Pandit N. D. Tirpathi, Sahitya Acharya (Benares)
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 19. Pandit Krishna Ballabh Goswami (Shasini), Acharya, 1st and 4th parts.
 20. Mr. R. P. Srivastava, certificate holder of Industrial
Apprentice and Drawing class Examinations of
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GOVERNMENT INTERMEDIATE COLLEGE JHANSI.

3. Mr. J. N. Batesji, M.A.,

Lal Sahney, Physics, Classes XI and
Principal. XII.

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4	Pandit Vithal Jai Krishna Kale, M.A., L.T.	Mathematics, Classes X, XI and XII
5	Babu Santimay Banerji M.A., L.T.	History and Logic, Classes XI and XII.
6.	Babu Ramesh Chandra Banerji, M.Sc	Chemistry, Classes IX, XI and XII
7	S. M. Maszur Ali M.A., L.T	English General, Class IX
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9	S Kazim Hussain Neqvi, B.A., L.T	English Text Class IX and Vernacular Translation, Class X.
10	Babu Sitla Charan Mukherji, B.A., L.T	Geography Class IX.
11	Babu Basdeo Lal B.A., L.T	Mathematics, Class IX.
12	Babu Harbarsin Lal, M.Sc L.T	Science and Vernacular Translation, Class X
13	P Babu Shastrī Bhārav	Sanskrit Classes XI and XII
14	M Ali Ahmad	Persian Classes XI and XII
15	Pandit Venkat Gopal Tailor,	Drawing, Classes IX and X
16	Pandit Ram Sahai Misra	Sanskrit and Hindi, Classes IX and X
17	M Yusuf Ali	Persian and Urdu, Classes IX and X.

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 —(concluded).

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 15. Pandit Kesho Dutta Shastri, Ent., Sahitya Achar- ya. Sanskrit, Classes IX and XII.
 16. Pandit Mata Din Tirpathi, First year Sahitya Achar- ya (Madhyama Pariksha of Benares, Nadia and Calcutta). Hindi, Class X.
 17. M. Syed Mir Hasan Abidi, V.M. Munshi, E.L.M. Persian, Classes X and IX.
 18. Pandit N. D. Tirpathi, Sahit- ya Acharya (Benares), Shastri (Punjab), Kaviraj Tiwath (Calcutta). Hindi, Classes IX and X.
 19. Pandit Krishna Ballabh Goswami (Shastri), Ac- harya, 1st and 4th parts. Hindi, Class IXa.
 20. Mr. R. P. Srivastava, certi- ficate holder of Industrial Apprentice and Drawing class Examinations of Thomason Civil Engineer- ing College, Roorkee. Drawing, Classes X and IX.
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1. Mr. J. N. Banerji, M.A., Principal.
2. Rabu Chunni Lal Sahney, M.Sc., Vice-Principal. Physics, Classes XI and XII.

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—(concluded)

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4	Pandit Vitthal Ji Krishna Kale, M.A., L.T.	Mathematics Classes X, XI and XII
5	Babu Santimay Banerji M.A., L.T.	History and Logic, Classes XI and XII
6	Babu Ramesh Chandra Banerji, M.Sc.	Chemistry, Classes IX, XI and XII
7	S. M. Mazur Ali M.A., L.T.	English General, Class IX
8	Babu Monindra Kumar Sanjal B.A., L.T.	English General and Text, Class X, History and Geography Class X, History, Class IX
9	S. Kazim Hussain Nequvi, B.A., L.T.	English Text Class IX and Vernacular Translation Class X.
10	Babu Sitla Charan Mukerji, B.A., L.T.	Geography Class IX.
11	Babu Baikoo Lal B.A., L.T.	Mathematics, Class IX
12	Babu Harnarain Lal, B.Sc., L.T.	Science and Vernacular Translation, Class X
13	P. Babu Shastri Bhavre	Sanskrit Classes XI and XII
14	M Ali Ahmad	Persian Classes XI and XII
15	Pandit Venkat Gopal Tailang	Drawing Classes IX and X.
16	Pandit Ram Sahai Misra	Sanskrit and Hindi, Classes IX and X
17	M Yusuf Ali	Persian and Urdu, Classes IX and X.

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3. Pandit Rajeshwar Nath Kaul, M.A. (Allahabad), L.T. (Allahabad), Assistant Master. Logic. I year and II year, History, I year and II year.
4. Babu Prakash Chandra Mukerji, M.Sc. (Allahabad), Assistant Master. Science, Chemistry, I year and II year.
5. Shaikh Ali Amir, M.A. (Allahabad), L.T. (Allahabad), Assistant Master. English detailed, I year (Arts), English detailed and non-detailed, II year, Arts and Science.
6. Babu Beni Madho Singh, M.A. (Bengal), B.Sc. (Allahabad), Assistant Master. Mathematics I year and II year, General English I year, Arts and Science.
7. Pandit Visbeshwar Nath Sukla, B.A. (Allahabad), Assistant Master. On leave. Mr. Shiva Chandra Kapoor, B.A., L.T. Offg. History, Class VIIA and B, Science, Class VII, English Text, Class VIIA, and Geography, Class V.
8. Mahamahopadhyaya Pandit Lakshman Sastri Tailang, Satitacharya (Bengal), Assistant Master. Sanskrit, Classes XI, XII, IX and X.

QUEEN'S INTERMEDIATE COLLEGE, BENARES (cont'd.)

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10	M. Muhammad Humayat-ul Hasan B.A. (Allahabad) Assistant Master	Persian Classes XI XII and IX.
11	Babu Bhujung Bhushan Cha terji B.A. (Allahabad) L.T. (Allahabad) Assistant Master	English Text Class s XA and B and VIIIB Transla tion Clas s VIIH and XB.
12	Babu Narain Das Banerj B.Sc. (Allahabad) L.T. (Allahabad) Assistant Master	Mathematics Classes XA and B Science Clas s X and IX
13	M. Mohammad Abul Baqa B.A. (Allahabad) L.T. (Allahabad) Assistant Master	Geography Classes * XA and B IXA and B VIIIIA and B Translation Clas s VIIIB
14	Babu Hindeswari Lal B.A (Allahabad) L.T. (Allah abad) Assistant Master	Mathematics Clas es XA IXA and B and VIIIB
15	Pandit Ram Charan Pande B.A. (Allahabad) L.T. (Allahabad) Ass stant Master	General English Clas s IXA and B History and Geography Class VIIA and B and VIA and Trans lation Clas s IXB.
16	Babu Chandra Bhushan Cha terji M.A. (Bengal) L.T. (Allahabad) Assistant Master	History Classes XII XA and B English Text Class IXA and B Translation Class IXA

QUEEN'S INTERMEDIATE COLLEGE BENARES—(continued)	
26.	Babu Dharendranath Gangu, Intermediate, C.T., Assistant Master
	Translation, Classes VIIA, VA, History, Classes IXA and B, English Text Class VIB
27.	Babu Ram Gati Lahiri, General Draftsman Designer, Arts Teacher of Arts School, Calcutta, Drawing Master
28	Babu Nank Chand Puri, Drawing Mastership Examination Arts School Calcutta Drawing Master
29.	Maulvi Muhammad Isa Trained at Lucknow, Arabic and Persian Teacher
30	Pandit Daimdar Sastri Saha shudh Madhyama Vyakyan (Bengal) Sanskrit Teacher
31	Pandit Situ Puri Misra C.T. Vernacular Teacher
32	Pandit Har Prasad Choube, C.T., C.V.T. Vernacular Teacher
33	Pandit Sita Ram Pande Madhyama (Bengali) Sanskrit Teacher
34	M. Abobamid Muhammad Abdul Majid Siddiqi Mulla Fazil Examination (Allahabad) Arabic and Persian Teacher

QUEEN'S INTERMEDIATE COLLEGE, BENARES—(continued).

35. Shaikh Farhat Husain Mulla Persian, Classes VII, VIII, IX, Arabic, Teacher. Arabic and Persian Class X, Urdu, Class VII.

GOVERNMENT INTERMEDIATE COLLEGE ALMOORA.

1. J. C. Powell-Price, Esq., M.A. Essay, Class XII, (Cantab.), F. R. Hist. English Text, Class XI, Rapid Reading, S., I.E.S., Principal. Class X, English History, Class IX.
2. Pandit Durga Das Joshi, M.Sc., Chemistry, Classes B.A. (Allahabad), Vice- Principal. XII and XI.
3. Pandit Padma Das Pant, M.Sc. Physics, Classes XII (Allahabad), Assistant and XI. Master.
4. Babu Niranjan Lal Tayal, M.A. Mathematics, Classes (Lucknow), B.Sc. (Allah- abad), Assistant Master XII and XI.
5. Pandit Kunwar Krishna English Text, Classes Sukha, M.A., LL.B., C.T. XII, XI and X, (Allahabad), Assistant Dictation, Class X English Translation, Classes XII and XI.
6. Pandit Bhupati Prasad Bagchi, History, Classes XII M.A., LL.B. (Lucknow) B.A. and XI, English (Allahabad), Assistant Unseen and Essay, Master. Class XI and Eng- lish Text, Class IX.
7. Pandit Deokinandan Upreti, English Unseen, Com- B.A., L.T. (Allahabad), Assistant Master. position and Trans- lation. Class X,

GOVERNMENT INTERMEDIATE COLLEGE, ALMORA

—(continued).

8. M Sayid Ishaq Ali, E.C.T.,
Fazil, Assistant Master
On deputation to Allahabad
University
- 9 Pandit Heera Ballabh Pande, Mathematics, Class X
B.A., L.T. (Allahabad) English Dictation,
Assistant Master Class IX
- 10 Pandit Govind Ballabh Pande, Logic Classes XII and
M.A., L.T. (Allahabad) VI English Trans-
Assistant Master lation and Composi-
tion Class IX, His-
tory & Geography
Classes X and XI
11. Pandit Harish Chandra Pant, Science, Classes X and
B.Sc., L.T. (Allahabad). IX, Mathematics,
Assistant Master Class IX, Chemis-
try Demonstrator,
Classes XII and XI
12. Pandit Bhim Das Misra Vernacular Classes
Entrance Assistant X and XI
Master
13. M Muhammad Noor & Vernacular (Urdu)
C.T. Assistant Master Class IX Persian,
Class VI
14. Pandit Lakshmi Narayan Sanskrit Classes X
Vyakaran Khand Acharya and XI
(Benares) Sanskrit Teacher
15. Pandit Manorath Pande Sanskrit Classes XII
Jyotisacharya (Benares) and VI and Verna-
Kavyatirtha (Calcutta) cular (Hindi),
Matrix (Allahabad) Assis- Class
tant Master
16. M Nazir Ahmad Munshi Persian Classes XI
Alim Examination (Pan and IX
jab) Persian Teacher

GOVERNMENT INTERMEDIATE COLLEGE, ALMORA

—(concluded)—

17. Pandit Ghananand Bhatta. Drawing, Classes
Matric. (Allahabad), C.I.. and IX.
Drawing Master.

GOVERNMENT JUBILEE INTERMEDIATE COLLEGE,
LUCKNOW.

1. Mr. Manohar Lal Zutshi M.A., ...
I.E.S., Principal.
2. Mr. Anil Nath Ghosh, M.Sc., Theory and Practice
Vice-Principal. Chemistry, Classes
XI and XII.
3. Mr. B. L. Agarwala. M.A., C.T., European History,
LL.B., Assistant Master. Classes XI and XII,
General English,
class XI, English
Text, Class X.
4. Mr. Khawaja Athar Husain, English and Logic,
M.A., Assistant Master. Classes XI and XII.
5. Mr. Sachidanand Mitter, M.Sc., Mathematics, Classes
Assistant Master. XII, XI, IX A.
6. Mr. Radha Krishna Wahal, Theory and Practice
M.Sc., Assistant Master. Physics, Classes XI
and XII, Practical
Science, Class IX.
7. Mr. Jagmohan Narain Chau- Practice Physics and
dhry, M.A., B.Sc., L.T., Chemistry, Classes
Assistant Master. XI and XII.
8. Mr. Prabhash Chandra Gupta, General English and
B.A., L.T., Assistant Master. Text, Class XB,
History, classes X
and IX.
9. Mr. Shabihul Hasan, B.A., C.T., Urdu Translation and
Assistant Master. Composition, Class
IX and English,
Class IXA.

**GOVERNMENT JUBILEE INTERMEDIATE COLLEGE
LUCKNOW—(cont. aus.).**

10	Mr Prabhat Kumar Mitter, B.Sc., L.T., Assistant Master	Mathematics Class I & II, General English, Class XA English Text, Classes XI and XII
11	Mr Purna Chandra Banerji B.Sc., L.T., Assistant Master	Mathematics Class XB Science, Classes X and XI.
12	Mr Mohammad Quraishi, M.A., L.T., Assistant Master	Geography Classes X and IX
13	Mr. Bachma Narain Dhaon Int. c.t Assistant Master	Urdu Translation and Composition Classes XI and XII
14	Mr C P Awasthi E, c.t Assistant Master	Hindi Text and Gram- mar and Composition Classes X and XI
15	Mr Hatch Bahadur Matri- culation and School Leaving Certificate passed Special Drawing Course, School of Arts Bombay, Drawing Master	Drawing Classes X, XI
16	Mr Ahmad Hussain, Molla Fazlina Naujeh Ali and Muenshi Laziz Examin., Honours in Persian and Additional Examn. in Eng- lish, Assistant Master	Arabic Class X, Persian Classes XI and XII
17	Mr Ali Ahmad Mulla and Muenshi Laziz of the Punjab Mulla of Allah abad and trained as a Language Teacher at Training College Lucknow Persian Teacher	Arabic Classes XII, XI and Persian Class X, Urdu, Class XI

**GOVERNMENT JUBILEE INTERMEDIATE COLLEGE
LUCKNOW—(continued).**

(Transferred to Jhansi as Assistant Master, Munshi Azmatullah has taken his place from Government High School, Cawnpore).

18. Mr. Akbar Ali, Matric., in Arabic, Class IX, English Language. (Punjab), Munshi Fazil and Maulvi Fazil, (Punjab), Arabic Teacher. Urdu Text, Classes XB and IXB.
19. Mr. Sayid Saqib Husain, Persian, Class IX, Mulla and Mulla Fazil, (Allahabad), Arabic Teacher. Urdu, Class IXA.
20. Mr. Ram Datt Awasthi, Shastri of the Punjab, Kavya Tirtha (Calcutta), Uttam, (Benares), Upadhyaya in Dharam Shastra with English (of Bihar and Orissa), Trained as a Language Teacher at Training College, Lucknow, Assistant Master. Sanskrit, Classes XI and XII, X.
21. Mr. Mahabir Acharya ... Sanskrit, Class IX.
22. Mr. Sayid Niaz Ahmad Jafri, Matriculation, Commercial. Normal Trained, Teacher of Commerce. Commerce, Classes IX and X.

GOVERNMENT INTERMEDIATE COLLEGE, FYZABAD

1. Balu Kishan Chand B.A., English Grammar, sc. (Punjab), Principal. Classes XIIA and B, XI A and B.
2. M. Faiz Baksh, M.A. (Allahabad), LL.B. (Allahabad), Vice-Principal. Mathematics, Classes XB, XI A and B, XIIA and B.

GOVERNMENT INTERMEDIATE COLLEGE, FYZABAD
 —(continued)

3	Pandit Hrish Chandra Misra, M A (Allahabad) Assis- tant Master	History Classes XIIA, XIIA
4	Pandit Suraj Narain Kichlu M A (Allahabad) LLD (Allahabad) Assistant Master	English Classes XIIA and B, XIIB
5	Babu Bhakesh Chandra Ban- erji M Sc (Allahabad)	Chemistry Classes XIB XIIB
6	Pandit Shyama Charan Mis- ra M Sc (Allahabad) L T (Allahabad) Assistant Master.	Physics Classes XIB, XIIB Mathematics, Class XI B
7	M Ehtisham Ali, M Sc (Allahabad), Assistant Master	Biology Classes XIIB, XIIB
8	Babu Upendra Chandra Dutt M A (Benares) L T (Ben- ares) Assistant Master	English, Class XIIA, Logic, Classes XIIA, XIIIA
9	Pandit Jai Ram Awasthi, Shastry (Punjab) Madhy- ama (Benares), Trained (Lucknow) Assistant Mas- ter	Banskrit Classes XIIA, XIIA
10	M Ihsiz AbJullub Fazil (Allahabad) Trained (Lucknow), Assistant Mas- ter	Persian, Classes XI A, XIIA
11	Babu Narain Chandra Bhat- tachary (on furlough) I A (Calcutta) Assistant Mas- ter	English, Class XI A, Mathematics Classes I XI A XI A
12	Babu Isheshwar Dyal B A (Allahabad), C T (Allah- abad) Assistant Master	English Class XI B

GOVERNMENT INTERMEDIATE COLLEGE, FYZABAD
 —(continued).

13. Babu Panchanan Chatterji, B.A. (Allahabad), L.T. (Allahabad), Assistant Master. History, Classes; XA, and IXA, Translation and Composition, Class XA.
14. Pandit Shankar Das Malaviya, B.A. (Allahabad), L.T. (Allahabad), Assistant Master. English, Class IXB, History and Geography, Classes XB, IXB.
15. Babu Maharaj Bahadur, M.A. (Allahabad), L.T. (Allahbad), Assistant Master. English, Class IXA.
16. Babu Umapati Mukerji, B.Sc. (Calcutta), L.T. (Allahabad), Assistant Master. Mathematics, Class IXA, Science, Classes IXA, B, XA, B, Demonstration, Classes XIIB, XIIIB.
17. Babu Ram Chandra Singh Bhatia, B.Sc. (Allahabad), L.T. (Allahabad). Demonstration, Biology and Chemistry, Classes XIIB, XIIIB.
18. Babu Nalini Mohan Banerji, school of Arts and Crafts, Lucknow, Drawing Master. Drawing, Classes IXA, B, XA, B.
19. M. Abdul Ali, Fazil Persian, Class IXA, B. (Cawnpore), Persian Teacher. Urdu, Class IXA, B.
20. M. Zabid Husain, Fazil Persian, Class XA, B. (Allahabad), Trained (Lucknow), Persian Teacher.
21. S. M. Liqa Ali Naqvi Kazmi, Matric. (Allahabad), Fazil (Allahabad), Muushri (Punjab), H. P. (Punjab), Persian Teacher. Arabic, Classes XIIIA, XIIB, Urdu, Classes XA, B.

GOVERNMENT INTERMEDIATE COLLEGE FYZABAD
 —[concluded]

- 22 Pandit Jokhan Ram Misra Sanskrit, Classes IXA,
 (on furlough), Acharya I B
 part in Vyakaran (Benn
 res) Sanskrit Teacher
- 23 Pandit Mahadeo Sharma Hindi Class s IXA B,
 Acharya 4 parts in Sahitya XA B, Sanskrit
 (Benares) Sanskrit Teacher Classes IXA, B

SANATAN DHARAM COLLEGE OF COMMERCE
CAWNPORE

- | | | |
|---|--|---|
| 1 | S P Bhargava Esq M A
(Economics) LL B (Allah
habad) F S S | Acting Principal and
Professor of Econo-
mics |
| 2 | B N Chopra Esq F RES
F A A (London) | Professor of Account-
ing |
| 3 | Kali Shankar Bhatnagar Esq
M A (History) LL B (Allah
bad) L C P (London) | Professor of History
and Geography |
| 4 | Pritam Singh Esq M A
(Punjab and Calcutta) | Professor of English
and Economics |
| 5 | L Shyam Lal M A LL B
M R A S Vakil High
Court | Honorary Professor of
Law |
| 6 | H L Govil Esq B Com
FCI | Lecturer in Business
Methods and Short
hand |
| 7 | G S Srivastava Esq, B Com
FCI CT | Lecturer in Book
keeping and Type-
writing |
| 8 | R K Dubey Esq Commercial
Diploma | Type writing instruc-
tor* (part time) |
| | R N Dubey, Esq., Commer-
cial Diploma | |
| | S S Srivastava, Esq. Com-
mercial Diploma | |

GOVERNMENT COLLEGE, AJMER.

1. Mr. A. Miller, M.A. (St. Andrews), Principal. English, Intermediate, I and II year.
2. Mr. Hari Prasad, B.A. (Punjab), B.Sc., Manchester (Chemistry), F.C.S., London, M.S. C.I., Vice-Principal. Chemistry, Intermediate, I and II year.
3. Mr. Bishamber Prasad, B.A. (Honours), M.Sc. (Allahabad), Mathematics, F.I.M.S., 1st Professor. Mathematics, Intermediate, I and II year.
4. Mr. Lalji Srivastava, M.Sc. (Allahabad), Physics, F.P.S. (London), F.C.M.S., Calcutta, 2nd Professor. Physics, Intermediate, I and II year.
5. Mr. K. S. Mankar, M.A. (Oxon.), 3rd Professor. Logic, Intermediate, I and II year.
6. Mr. P. B. Joshi, M.A. (Allahabad), History, B.Sc. (Allahabad) 4th Professor. History, Intermediate, I and II year.
7. Mr. Bhava Datta, Shastri (Punjab), Honours Sanskrit Language, Literature and Law (Diploma), 5th Professor. Sanskrit, Intermediate, I and II year.
8. Mr. Hamidullah Khan, Molvi Fazil and Munshi Fazil, Arabic and (Honours), Arabic and Persian Literature and Law (Diploma) and Matric. (Punjab), 6th Professor. Persian, Intermediate, I and II year.
9. Mr. P. N. Joshua, M.A., LL.B. (Allahabad) and B.A. (Punjab), 7th Professor. English, Intermediate, I and II year.

GOVERNMENT COLLEGE, AJMER—(concluded).

10. Mr. Shri Narayan, B.Sc. Chemistry, Intermediate, (Allahabad), Senior Demonstrator, I and II year.
11. M. Raj Kisboro, B.Sc. Physics, Intermediate, (Allahabad), M.Sc. (Economics Hindu University), LL.B. (Allahabad), Junior Demonstrator
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MAHARAJA'S INTERMEDIATE COLLEGE, JAIPUR
(RAJPUTANA).

1. Pandit Vithal Vaman Tamang, M.A., Principal Logic Classes XI and XII
2. Munshi Govind Prasad Srivastava, B.A., Professor of English English ditto
3. Mohammad Hamed ud-din Khan, M.A., Professor of History History ditto.
4. Munshi Pyare Lal Mathor, M.A., B.Sc., Professor of Mathematics and Physics Mathematics and Physics Classes XI and XII
5. Mr. Budhaen Agarwal, M.A., Professor of Economics Economics Classes XI and XII
6. Babu Nalini Nath Roy, M.A., Professor of Chemistry Chemistry Classes XI and XII.
7. Maulvi Syed Altaf Husain, Munshi Fazil and Maulvi Alim (Punjab University) Professor of Persian and Arabic Persian and Arabic Classes XI and XII.
8. Pandit Madan Lal Acharya (Jaipur Sanskrit Title Examination) and Shastri (Punjab University), Professor of Sanskrit Sanskrit Classes XI and XII.

**MAHARAJA'S INTERMEDIATE COLLEGE, UDAIPUR.
(RAJPUTANA).**

1. Kanhaiyalal Varma, Esq., M.A. (Allahabad), English, Principal.
2. Satish Chandra Bose, Esq., M.Sc. (Calcutta), Mathematics, Professor of Mathematics.
3. Taj Khan, Esq., M.Sc. (Punjab), Applied Mathematics, Professor of Physics.
4. Bhagwan Das Bhatta, Esq., M.Sc. (Punjab), F.C.S., Chemistry, Professor of Chemistry.
5. Hari Pada Banerji, Esq., M.A., L.T. (Allahabad), History, Professor of History and Logic.
6. Hem Raj, Esq., M.A. (Allahabad), History, Professor of English.
7. Pandit Ram Sunder Vishen Shastri (Punjab), Vyakarana Acharya (Benares), Professor of Sanskrit.
8. M. Nazim-ud-din, B.A., LL.B. (Allahabad), Persian and Economics, Professor of Persian.
9. Harishankar Dashora, Esq., B.A. (Allahabad), Assistant Professor.
10. Shishir Kumar Mukerji, Esq., B.Sc. (Benares), Demonstrator.

JASWANT COLLEGE, JODHPUR (RAJPUTANA).

1. Pandit Suraj Prakash, M.A. Science, II year class, (Allahabad), Chemistry, Principal.
 2. K. Rambhatji, Esq., B.A. (Madras), English, Sanskrit and Economics, Senior Professor of English.
 3. P. P. Shahani, Esq., M.A. (Bombay), Philosophy, Professor of Logic and Philosophy.
- | | |
|--|---------------------------------|
| | English, I and II year classes. |
| | Logic, I and II year classes. |

JASWANT COLLEGE JODHPUR (RAJPUTANA)
—(continued)

- 4 Kanhayya Lal Esq M.A. (Aligarh) Mathematics I and II year classes
Professor of Mathematics
- 5 Wadhu Mal Esq M.A. (Bom bay) History and Political Economy, Professor of History and Political Economy
- 6 S B Tatke Esq M.A. (Allahabad) Sanskrit Professor of Sanskrit Sanskrit I and II year Classes,
- 7 Maulvi Muzaffar Ali Shah Professor of Persian Persian I and II year classes
- 8 Narain Prasad Esq B.Sc. (Aligarh) Assistant Professor of Science Science I year class

VICTORIA COLLEGE LASHKAR (GWALIOR)

- 1 H F Manley, Esq M.A. (Cantab) with Honours in Philosophy and Economics Principal.
- 2 Gopal Hari Kunte Esq B.Sc. (Allahabad) Special English and Logic I and II year
- 3 Gajanan Ramchandra Deo Esq B.Sc (Allahabad) Mathematics and General English I and II year
- 4 Asoka Nath Roy Chaudhuri Esq M.A (Calcutta) History (Ancient and Modern) and General English I and II year Economics, I year

VICTORIA COLLEGE, LASHKAR (GWALIOR)—(concluded).

5. Pandit Somnath Shastri Sanskrit; I and II
Vadiker. year.
 6. Mohammad Ahsan Ullah Arabic and Persian;
Khan Saquib. I and II year.
 7. Bapu Sadashiva Bhagwat, Physics; I and II
Esq., B.Sc. (Allahabad). year.
 8. Govind Narsingh Manke, Esq., Chemistry, I and II
B.A. (Allahabad). year.
 9. Balkrishnapati L. Vajpayee Economics, I year.
Bhimpure, Esq., M.A.
(Econ.), I.L.B. (Allahabad).
 10. Vinayak Raghunath Manke, Laboratory Assistant
Esq. in Physics, I and II
year.
 11. Mhalsakant Narayan Majumdar, Esq. Laboratory Assistant
in Chemistry.
 12. Devi Prasad, Esq., (Intermediate,
Allahabad). Demonstrator in Eco-
nomics and Libra-
rian, I and II year.
 13. Bhai Baxish Singh ... Gymnastic Instructor.
-

{ INDORE CHRISTIAN COLLEGE, INDORE, C. I.

1. Rev. R. A. King, M.A., D.D.,
Principal.
2. Rev. J. A. A. Scott, M.A., B.D., Logic.
Professor.
3. Mr. I. W. Johery, M.A., Professor History.
4. Mr. Bhattacharya, M.A., Do. Mathematics.
5. Mr. B. B. Singh, B.A., Do. English.
6. Mr. C. P. Shastri, M.A., Do. Sanskrit.

INDORE CHRISTIAN COLLEGE, INDORE, C. I.—(concluded)

7. Mr. R. N. Langar, B.A., Lecturer—Economics.
 8. Mr. A. K. Mitter, B.A., Lecturer—History.
 9. Mr. M. L. Watson, Secretary
 10. Mr. Victor Wesley, Librarian
 —————

BOLKAR COLLEGE, INDORE, C. I.

1. Dr. V. A. Subhankar, Ph. D. English,
 (Bonn, Germany), Principal.
 2. Chas. A. Dobson, Esq., B.A., Ditto,
 Medalist, (Allahabad), Professor
 of English.
 3. Prabhulachandra Basu, Esq., Economics,
 Ph. D. (Cal.), M.A. (Cal.),
 Professor of Economics
 and History.
 4. S. D. Ghate, Esq., B.A. (Bombay), Sanskrit,
 Professor of Sanskrit.
 5. Syed Saghir Ali, M.A. (Allahabad) Persian, Hindi and
 Urdu Translation
 and History.
 6. V. B. Shrikhande, Esq., M.A. Logic and Marathi
 (Bombay), Professor of Translation.
 Logic
 7. Dr. S. S. Deshpande, M.Sc. Chemistry,
 (Allahabad), Ph. D. (London), Associate of the Institute
 of Chemistry, Associate
 of the Royal College of
 Science, Professor of Chemistry
 8. N. Padmanabhan Shastri, Esq., Physics,
 M.A. (Madras), Professor of
 Physics.

HOLKAR COLLEGE, INDORE, C. I.—(concluded).

9. Sailendra Nath Dhar, Esq., English M.A. (Cal.) (First class History, second, Medalist and Prizeman), Professor of History.
10. V. G. Gole, Esq., M.A. (Allahabad), Assistant Professor of Mathematics. Mathematics and Marathi Translation.
11. W. G. Urdhwareshe, Esq., M.A. Sanskrit and Marathi (Allahabad), M.B.A.S., Kavyatirtha, (Cal.), Fellow of Sanskrit.
12. M. D. Gharpure, Esq., B.Sc. (Allahabad). Demonstrator (Chemistry). Assistant to the Professor of Chemistry in Practical work.
13. V. R. Shintre, Esq., B.Sc. (Allahabad), Demonstrator (Physics). Assistant to the Professor of Physics in Practical work.

APPENDIX E

List of candidates who have passed the Intermediate
Examination of 1924

Roll no.	Name of candidate	Name of College	Passed in division
7	Avadh Narain Avasthi	Agra College	II
8	Badri Prasad Gupta	Ditto	III
9	Basant Kishore Bhargava	Ditto	III
10	Bikram Singh	Ditto	III
11	Brendaban Dass	Ditto	III
12	Cbbedi Lal Agarwal	Ditto	III
17	Harihar Nath Gargb	Ditto	III
18	Harihar Chandra Chatur vedi	Ditto	III
19	Hukam Singh	Ditto	III
20	Jagdish Prasad Dubo	Ditto	III
22	Jagannath Prasad Sarbhai	Ditto	III
23	Jai Jai Ram Sharma	Ditto	III
27	Kailash Nath Aga	Ditto	III
30	Krishna Prasad Sarbhai	Ditto	III
32	Manna Lal	Ditto	III
40	Nemichand Jain Bakliwal	Ditto	III
43	Pyare Lal Govil	Ditto	III
44	Radha Charan Saksena	Ditto	III
45	Radhey Shyam Mital	Ditto	III
46	Radhey Shyam Dwivedi	Ditto	III
52	Ram Saran Shukla	Ditto	III
53	Rameshwar Prasad Bhar gava	Ditto	III
55	Saiyid Ali Fazil	Ditto	III
57	Sham Sundar Misra	Ditto	II
58	Tara Chandra Jam	Ditto	II
60	Vishva Nath Chaturvedi	Ditto	II
62	Abdur Rahman Khan	Ditto	II
63	Abhaya Prakash	Ditto	II
65	Aishwarya Chandra	Ditto	II

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of College.</i>	<i>Passed in division.</i>
66	Aditya Narayan Chaube...	Agra College ...	II
69	Avadh Behari Lal Mathur	Ditto ...	III
70	Avadh Behari Saran ...	Ditto ...	II
74	Baij Nath Prasad Saingal	Ditto ...	II
75	Bal Kirshna Das Tandon...	Ditto ...	II
79	Basant Singh Gill ...	Ditto ...	III
82	Bhagwat Saran Bhatnagar	Ditto ...	III
84	Bhaktish Prasad Mathur...	Ditto ...	III
85	Bishan Dayal ...	Ditto ...	III
87	Brahma Singh ...	Ditto ...	II
90	Brij Mohan Johri ...	Ditto ...	III
93	Brij Swarup ...	Ditto ...	II
95	Chaturbhuj Narain Agrawal.	Ditto ...	II
96	Damodarlal Bajore ...	Ditto ...	III
98	Daulat Ram Jain ...	Ditto ...	I
100	Devanand Gairola ...	Ditto ...	II
102	Din Dayal Gangal ...	Ditto ...	II
103	Din Dayal Gupta ...	Ditto ...	III
104	Durga Prasad Mathur ...	Ditto ...	I
106	Gaj Raj Kishore ...	Ditto ...	III
107	Gaj Raj Singh ...	Ditto ...	III
108	Gopal Narain Khanna ...	Ditto ...	III
109	Gopal Raj Swarup ...	Ditto ...	II
111	Gobind Ram Gupta ...	Ditto ...	III
114	Har Pal Singh ...	Ditto ...	III
116	Hari Mohan Lal Bhatnagar.	Ditto ...	II
117	Harnam Singh, Ahluwalia	Ditto ...	I
120	Jagmohan Saran ...	Ditto ...	III
121	Jagan Nath Bhargava ...	Ditto ...	III
122	Jagan Prasad Rawat ...	Ditto ...	III
124	Jai Krishna Das Gujarati...	Ditto ...	III
125	Jaswant Singh Bhal...	Ditto ...	III

Roll no.	Name of candidate	Name of College	Passed in division
128	Kailash Nath Bhargava	Agra College	III
129	Kanhaiya Lal	Ditto	II
130	Kanhaiya Lal Sharma	Ditto	II
131	Kidar Nath Bhatnagar	Ditto	II
132	Kbarak Singh Jagatsuri	Ditto	II
133	Khaterdra Nath Banerji	Ditto	III
136	Krishna Kumar Singh	Ditto	III
139	Krishna Swarup Saksena	Ditto	III
144	Mangal Sen	Ditto	II
145	Mathra Prasad Sharma	Ditto	III
146	Mathura Prasad Mital	Ditto	III
149	Narendra Mohan Saksena	Ditto	III
150	Naresh Chandra Surana	Ditto	III
151	Nasihat Ali Khan	Ditto	II
153	Netai Chand Mukherji	Ditto	II
155	Parmeswar Saran Gupta	Ditto	II
157	Pershottam Das Agarwal	Ditto	II
158	Prakash Chandra Gupta	Ditto	II
159	Pyare Lal Sharma	Ditto	II
160	Radha Mohan Bhattacharya	Ditto	III
161	Radhey Shiam	Ditto	II
162	Raghubar Dayal Chaturvedi	Ditto	III
163	Raghbir Saran Das	Ditto	III
164	Raghbir Nath Sabai	Ditto	III
165	Raja Labu Kothari	Ditto	II
167	Rajmal Kashival	Ditto	II
168	Ran Chandra Singh	Ditto	II
169	Ram Charan Lal Upadhyaya	Ditto	III
171	Ram Dayal Hira Lal Khandelwal	Ditto	III
172	Rajendra Chandra Bharagava	Ditto	III
174	Rajwan Prasad Mathur	Ditto	II

Roll no.	Name of candidate.	Name of College.	Passed in division.
177	Rameshwar Dayal Gupta...	Agra College	... III
180	Ratan Lal Dixit	Ditto	... II
181	Sachchida Nand	Ditto	... III
182	Sardar Singh Gupta	Ditto	... II
185	Shiva Charan Saraswat	Ditto	... II
186	Shiv Charan Lal Agni- hotri.	Ditto	... III
189	Shri Bhushan Gupta	Ditto	... II
191	Shri Chand Singhal	Ditto	... III
193	Shri Ram Gupta	Ditto	... III
195	Shiam Lal Mital	Ditto	... III
196	Shyam Narain Mathur	Ditto	... III
197	Shiam Sunder Lal	Ditto	... II
198	Sita Ram Chaturvedi	Ditto	... III
199	Sita Ram Saksena	Ditto	... III
200	Sobhagmal	Ditto	... II
202	Sureshwar Nath Misra	Ditto	... II
203	Syed Muzaffer Ali	Ditto	... II
204	Tej Raj Swarup	Ditto	... II
205	Tribhwan Nath Chatur- vedi.	Ditto	... III
206	Wahaj-ud-din Ahmad Mirza.	Ditto	... II
208	Ahmad Uddin Ahmad	Sr. John's Col- lege, Agra.	III
212	Girwar Dhari Lal Gupta	Ditto	... III
213	Kr. Prathu Vir Vikram Singh.	Ditto	... III
214	Masud Ahmad	Ditto	... III
215	Mirza Jarrar Hasan Qizil- bash.	Ditto	... III
218	Rama Kant Sharma	Ditto	... III
219	Ram Chandra Sharma	Ditto	... III
220	Ram Saran Chand	Ditto	... II

Roll no	Name of candidate	Name of college	Passed in division
221	Sulesh Chandra Taluqdar	St. John's Col lege Agra	III
223	Saiyid Abdur Rashid	.. Ditto	III
226	Syed Maqbul Husun	Ditto	III
227	Victor Ivan Bobb	Ditto	III
229	Abdul Razzaq Faruqui	Ditto	II
232	Akhtar Husain Siddiqi	Ditto	II
233	Ambar Prasad Mathur	Ditto	III
239	Chuttan Lal Kapur	Ditto	III
240	Deo Raj Suda	Ditto	III
245	Gokal Chandra Chaturvedi	Ditto	III
247	Gyan Saran Kapur	... Ditto	III
253	Karan Singh Ranaida	Ditto	III
256	Kishori Lal	.. Ditto	III
260	Madho Singh	Ditto	II
261	Mitra Nand Sharma	... Ditto	II
266	Mohamed Farook	.. Ditto	II
270	Gm Frikash	Ditto	II
273	Rowland Patric Cornelius	Ditto	II
274	Sabal Singh	Ditto	II
278	Sitangshu Nath Chatoopa dhyay	Ditto	II
279	Shaikh Abdul Mannan	Ditto	III
280	Shamoon Ahmad	Ditto	II
282	Shyam Sunder Agarwal	Ditto	III
285	Vikram Singh Varma	Ditto	III
297	bbakt Kishor	Rajhansami Edu cational Insti tute, Agra	III
288	Chanda Lal Saksena	Ditto	III
289	Kamta Praad	Ditto	II
290	Migan Bihari	Ditto	II
292	Agam Praad Mathur	Ditto	II
295	Bribhma Swarup Mathur	Ditto	II

Roll no.	Name of candidate.	Name of college.	Passed in division.
293	Gur Saran Das	... Radhaswami Educational Institute, Agra.	I
301	Kanti Chandra Mathur	Ditto	III
302	Kunwar Bahadur Pradhan	Ditto	III
303	Mangal Deva Gupta	Ditto	II
304	Manohar Lal Kher	Ditto	II
306	Pradyumna Kumar Srivastava.	Ditto	II
307	Prem Chand	Ditto	II
308	Prem Pyara	Ditto	III
310	Ranga Rao Naidu	Ditto	III
311	Sitan Das	Ditto	II
313	Swami Prasad Nigam	Ditto	III
314	Bias Ratchordas	Jaswant College, Jodhpur.	III
316	Devi Singh Tak	Ditto	III
317	Ganga Ram Prohit	Ditto	II
322	Muni Lal Viyas	Ditto	III
325	Narain Prasad Mathur	Ditto	III
326	Narain Prasad Dave	Ditto	III
327	Pandit Jai Nath Kunzru	Ditto	II
330	Suraj Raj Byas	Ditto	III
331	Tej Bux Surana	Ditto	II
332	Tikam Das Purohit	Ditto	III
333	Wahid-ullah Khan	Ditto	III
336	Badri Dass L. Agarwala	Ditto	II
337	Balknath Nath Ray	Ditto	III
339	Gehra Lal K. Mathur	Ditto	III
341	Umanath S. Mannige	Ditto	II
342	Utsava Lal Agarwala	Ditto	II
343	Vasant Krishna Heble	Ditto	II
345	Amar Nath Baijal	Ewing Christian College, Allahabad.	III

Roll no	Name of candidate	Name of college	Passed in division.
347	Ashiq Ali ...	... Ewing Christian College, Allahabad.	III
348	Baldeo Prasad Pande	Ditto	III
349	Benarsi Prasad Gupta ..	Ditto	...
350	Benoytosh Kumar Banerji	Ditto	...
351	Bhagwati Prasad Srivastava	Ditto	...
352	Binoy Kumar Mukherji	Ditto	II
353	Bishun Dayal Srivastava	Ditto	.. III
356	Emmanuel Wilson	Ditto	.. III
357	Eric John Benjamin	Ditto	II
358	Fardun Jehangirji Ghanshyb.	Ditto	.. II
363	Kalika Prasad .	Ditto	II
364	Kamta Prasad .	Ditto	.. III
369	Justus Mannasseh	Ditto	...
370	Md Sharafat Husain ..	Ditto	...
371	Madho Prasad Pande ...	Ditto	...
372	Mahadeo Prasad Verma ...	Ditto	.. III
373	Mahomed Salem Ullah ...	Ditto	...
374	Mani Karnika Prasad Singh	Ditto	...
376	Muhammad Majidullah Khan,	Ditto	.. II
377	Radha Mohan	Ditto	.. I
379	Rajeshwar Narayana Singh	Ditto	.. III
380	Ram Chandra Kash Nath Bhatwadekar.	Ditto	.. III
381	Rama Yash Singh	Ditto	.. III
382	Ram Rukar Singh	Ditto	...
383	Saiyid Hasan ...	Ditto	.. II
384	Saiyid Muhammad Ibrahim	Ditto	.. III

Roll no	Name of candidate	Name of college	Passed in division.
385	Sarju Prasad Pande	... Ewing Christian	III
		College, Allah- abad.	
386	Seetanath Jha	...	III
387	Shambhu Nath Shukla	...	II
389	Sherley Wybrandts George Olpherts Forrester.	Ditto	...
390	Shubhrendu Bhushan Ba- serji.	Ditto	...
391	Shyam Kishore Malaria	Ditto	II
393	Syed Muhammad Siddiq Hasany.	Ditto	III
394	Vishwa Nath Prasad	...	III
395	Vishwa Nath Sapru	...	III
397	Abdul Hai	...	III
398	Abdus Samad	...	III
399	Albert Sheridan Lyall	...	II
401	Atul Chandra Mukerji	...	I
404	Bhakt Ratan...	...	III
405	Bhola Nath Roy	...	II
407	Bhupendra Nath Sanyal	...	II
403	Bihari Lal Khanna	....	III
409	Chintamani Sadashiva Apte.	Ditto	...
410	Daya Swarup	...	II
411	Donald Samuel Abel	...	III
412	Durga Das Chatterji	...	II
414	Gajanan Pande	...	II
415	Ganesh Chandra Joshi	...	III
417	Ghana Nand Pande	...	III
418	Gopi Krishen Handoo	...	III
419	Govind Prasad	...	III
422	Har Narayan Srivastava	Ditto	...
423	Har Prasad	...	III
425	Hari Sadhan Ghosh	...	III

Roll no	Name of candidate	Name of college	Passed in division
426	Brishi Kesh Mukerjee ..	Ewing Christian College, Allah- abad	III
430	Jai Kishen Kichlu ..	Ditto ..	III
433	Jana-dan Prasad Joshi ..	Ditto ..	III
440	Keshava Deva Malaviya ..	Ditto ..	III
441	Khushi Ram ..	Ditto ..	II
443	Manmohan Lal Gupta ..	Ditto ..	III
449	Mobit Mohan Mohanty ..	Ditto ..	II
451	Mothuresh Chandra Mu- kerji ..	Ditto ..	III
452	Mrityunjay Sanyal ..	Ditto ..	III
453	Muhammad Azhar Nomani ..	Ditto ..	II
454	Nand Kabore Kapur ..	Ditto ..	III
456	Nasir ul-din Ahmad ...	Ditto ...	I
457	Nayan Chaud Ghosh ..	Ditto ...	III
459	Novin Chandra Pant ...	Ditto ...	II
460	Oudh Behari Lal Gupta ..	Ditto ..	III
462	Parbhu Dayal Rayesth ..	Ditto ..	II
463	Prophullo Kumar Gupta ..	Ditto ..	II
464	Purnanand Dangwal ..	Ditto ..	II
467	Raj Mangleshwari Prasad ..	Ditto ..	III
468	Raj Ram Srivastava ..	Ditto ..	II
469	Ram Bans Lal Srivastava ..	Ditto ..	II
470	Ram Chandra Chatterji ...	Ditto ...	II
473	Rameshwar Prasad Bharga- va ..	Ditto ...	II
476	Ranbir Singh Mathur ..	Ditto ..	II
477	Rash Behari Lal ..	Ditto ..	II
478	Sachindra Nath Mitra ..	Ditto ..	III
483	Sambhoo Prasad Srivasta- va ..	Ditto ...	II
485	Shambhu Dyal ..	Ditto ..	III
487	Shiva Morat Lal Srivasta- va ..	Ditto ...	II

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division.</i>
488	Shiva Saran Misra	... Ewing Christian College, Allahabad.	I
489	Shri Narain alias Sham-bhu Nath Nigam.	Ditto	II
493	Soorya Narayan Shukla .	Ditto	I
498	Tribeni Prasad Rawat ...	Ditto	III
499	Tribeni Sahai Saksena ...	Ditto	II
500	Tula Ram Sah Kumayan	Ditto	III
501	Udai Bhan Singh Poondir	Ditto	II
502	Vashistha Bhargava ...	Ditto	I
503	Vishwa Nath Misra ..	Ditto	II
504	W. K. Wesley ...	Ditto	III
505	Zulfiqar Hossain ...	Ditto	II
506	Anand Swarup Srivastava	Kayasth Pathshala College, Allahabad.	III
507	Algu Dubey ...	Ditto	III
509	Bakhshi Jager Nath Pra-sad.	Ditto	III
510	Bishun Lal Srivastava ...	Ditto	III
514	Batuk Nath ...	Ditto	III
515	Baleshwar Lal ...	Ditto	III
517	Baleshwar Upadhia ...	Ditto	III
521	Gangeshwar Prasad ..	Ditto	II
523	Indra Narayan Mukerji ...	Ditto	III
524	Jagdish Sahai Saxena ..	Ditto	II
526	Jagdish Prasad ..	Ditto	II
528	Kamta Prasad ...	Ditto	III
529	Kripa Narain ...	Ditto	III
533	Mangali Prasad ...	Ditto	III
534	Mohan Murari Lal Hajela	Ditto	III
536	Parmeshari Sahai Mathur	Ditto	III
539	Shyam Kishore ...	Ditto	III
542	Vishwa Prakash ...	Ditto	III

Poll no	Name of candidate	Name of college	Passed in division
543	Vijai Baladur Singh	Kashi Prakash College Allahabad	III
544	Vishnu Prasad	Ditto	III
546	Ajodhia Prasad	Ditto	III
547	Brahman Narayan Mathur	Ditto	III
551	Dasrath Lal	Ditto	II
554	Hari Shunker Khare	Ditto	II
556	Janki Prasad Saxena	Ditto	III
557	Kailash Sahai Mathur	Ditto	III
564	Purneshwar Das Verma	Ditto	III
565	Prabhu Dayal Srivastava	Ditto	III
569	Shiva Goyind Dayal	Ditto	III
571	Abbas Ali	Govt Inter College, Allahabad	III
572	Alfred Donald French Mac- gowan	Ditto	II
573	Bireswar Mazumdar	Ditto	II
574	Bishambhar Nath	Ditto	II
575	Bishwa Nath	Ditto	II
577	Clement Webb Tressler	Ditto	III
579	Fakhr-ud-din	Ditto	III
580	Gauri Shankar	Ditto	III
582	Hanuman Prasad	Ditto	III
583	Ishaq Ahmad	Ditto	III
584	Jawahar Nath Takro	Ditto	II
586	Kanwal Singh	Ditto	III
587	Kedar Nath	Ditto	III
588	Kewal Krishna Mebrotra	Ditto	II
589	Khalil ud din	Ditto	III
590	Kunwar Aditya Pratap Singh	Ditto	III
591	Kunwar Ram Sharao Singh	Ditto	II

Roll no.	Name of candidate.	Name of college	Passed in division.
592	Mahesh Chandra Jain	... Govt.	Inter. II
		College, Allah- abad.	
593	Muhammad Ahmad Sid- iqi.	Ditto	III
595	Muhammad Jafar	...	Ditto ... III
596	Nand Kishore	...	Ditto ... II
598	Prakash Chandra	...	Ditto ... II
599	Raghuvansh Lal Gupta	Ditto	... I
600	Rajendra Mansingh	...	Ditto ... III
601	Ram Chandra Pant	...	Ditto ... III
602	Ram Das Arora	...	Ditto ... III
603	Ram Murat Singh	...	Ditto ... III
604	Ram Naresh Misra	...	Ditto ... II
607	Sami Ullah Khan	...	Ditto ... III
608	Shah Nazir Alam	...	Ditto ... III
609	Shaikh Muhammad	...	Ditto ... III
610	Santi Swarup	...	Ditto ... II
611	Shriman Narain Tiwari	...	Ditto ... II
612	Shri Prakash Pande	...	Ditto ... I
614	Sri Nath Pathak	...	Ditto ... III
615	Surya Varma	...	Ditto ... II
616	Sushil Krishna Banerji	...	Ditto ... II
617	Tribhuwan Nath	...	Ditto ... III
618	Trilok Nath Rai	...	Ditto ... II
619	Tyeb Ali	...	Ditto ... II
622	Chandrawati Shukla	... Crosthwaite Girls' Inter. College, Allahabad.	III
625	Shanti Duara	...	Ditto ... III
730	Ganga Dat Sanwal	... Govt.	Inter. College, Almo- ra.
632	Gopal Dat Punetha	...	Ditto ... III

Roll no	Name of candidate	Name of college	Passed in division
635	Krishna Chandra Joshi	Govt College, Almora	III
638	Puran Chandra Joshi	Ditto	II
640	Ram Das Panle	Ditto	III
641	Shiva Darshan Pant	Ditto	II
642	Trilochan Das Joshi	Ditto	II
645	Cyril Rawat	Ditto	III
646	Debi Das Pande	Ditto	III
650	Kishan Chandra Joshi	Ditto	II
651	Lakshman Singh Jang pang	Ditto	II
652	Lalit Mohan Pant	Ditto	I
653	Madhura Das Pande	Ditto	II
656	Padma Das Tiwari	Ditto	II
658	Brij Nandan Prasad Misra	Bareilly College Bareilly	III
659	Bhagwat Saran	Ditto	III
660	Bankey Lal	Ditto	II
664	Iftikhar Ali Beg	Ditto	II
669	Khwaja Baba ud din Zakaria	Ditto	III
670	Lakshmi Shanker Jauhari	Ditto	II
672	Masud Ali Khan	Ditto	III
674	Mohammad Husain	Ditto	III
677	Priya Shanker	Ditto	III
679	Puttu Singi	Ditto	III
680	Ram Kumar	Ditto	III
680	Ram Behari Lal Janhary	Ditto	III
681	Ram Prasad Agarwala	Ditto	III
683	Shyam Varain Misra	Ditto	II
684	Shanti Swarup Saksena	Ditto	III
686	Shyam Lal Vaish	Ditto	III
687	Shyam Mohan Saksena	Ditto	III
688	Shiva Hari	Ditto	III

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college</i>	<i>Passed in division.</i>
689	Sarnam Singh Yadava	... Bareilly College. Bareilly.	III
690	Sri Gopal Bhatnagar	... Ditto	III
691	Saadat Ali	... Ditto	II
693	William Meril Sadoc	... Ditto	III
698	Kanhaiya Lal Varma	... Ditto	III
699	Krishna Nand Dua	... Ditto	II
700	Mukat Bahadur Verma	... Ditto	II
704	Raja Ram Vaish	... Ditto	III
706	Sant Ram Saksena	... Ditto	II
708	Umapati Varma	... Ditto	II
710	Abdul Rashid	Queen's Inter. College, Benares.	III
711	Amir Ahmad	... Ditto	III
713	Bimalauanda Ghosh	... Ditto	II
718	Chandika Prasad	... Ditto	II
721	Jadunandan Prasad	... Ditto	III
726	Lakshman Prasad	... Ditto	III
727	Muhammad Jafar	... Ditto	III
729	Muhammad Muazzam Siddiqi.	... Ditto	III
732	Nikhil Chandra Sanyal	... Ditto	III
737	Sadashiva Lakshmidhar Katre.	... Ditto	II
738	Soutosh Kumar Mukho- padhya.	... Ditto	III
739	Shambhu Nath Tripathi	... Ditto	II
740	Sukhdeo Singh	... Ditto	III
744	Sudhir Chandra Roy	... Ditto	III
745	Sunil Kumar Mukerji	... Ditto	II
746	Abul Hasan	... Ditto	III
747	Auaut Prasad	... Ditto	II
748	Arun Kumar Rao	... Ditto	II
755	Devi Prasad Shukla	... Ditto	II
756	Dhirendra Kumar Banerji	... Ditto	II

Roll no	Name of candidate	Name of college	Passed in division
757	Durga Prasad Verma	Queen's Inter College Benares	II
760	Jagdish Lal	Ditto	II
765	Purna Chandra Goswami	Ditto	II
766	Raj Kumar Singh	Ditto	III
768	Ram Nath Sahai	Ditto	III
769	Sachiudra Bhutan Chat terjee	Ditto	III
774	Balig Ram	Ditto	III
775	Sanat Kumar Mukerji	Ditto	III
776	Subodh Chandra Banerji	Ditto	III
770	Dashrath Singh	Uday Pratap College and Hewitt Kshatriya School Benares	II
780	Nand Kishore Singh	Ditto	II
781	Ramgaya Singh	Ditto	III
782	Ugra Sen Singh	Ditto	II
783	Akhtar Hasan Siddiqui	Christ Church College Cawnpore	III
785	Babu Ram Gupta	Ditto	III
786	Bhagwati Charan Verma	Ditto	II
787	Bhawna Arora	Ditto	I
788	Bipin Bihari Misra	Ditto	II
789	Bishan Narain Vigam	Ditto	I
790	Bishwanath Nath Bajpai	Ditto	III
791	Brij Kishore Khanna	Ditto	III
792	Debendra Nath Sinha	Ditto	III
795	Harish Chandra Nath Vatal	Ditto	III
796	Hirday Narayan Dakshit	Ditto	II
799	Jagdish Prasad Dwivedi	Ditto	II
800	Jageshwar Dayal Sakseena	Ditto	II
801	Jageshwar Prasad	Ditto	III

<i>Roll no.</i>	<i>Name of candidate.</i>		<i>Name of college.</i>	<i>Passed in-division.</i>
802	Kashinath Damle	Raghunath	Christ Church College, Cawn- pore.	I
806	Kunwar Krishna	...	Ditto	...
807	Mahabir Prasad Nigam	...	Ditto	...
808	Narendra Nath Ghatak	...	Ditto	...
809	Paresh Chandra Ghose	..	Ditto	..
813	Sankata Prasad Srivastava		Ditto	...
814	Satgur Dayal Sinha	...	Ditto	...
815	Shailendra Chandra Mitra		Ditto	...
816	Shantilal Brijmohan Lal Modi.		Ditto	...
817	Shiva Balak Singh Chandel		Ditto	...
819	Fehmulji Nauabhoj Javarie		Ditto	...
820	Tulsi Ram Gupta	...	Ditto	..
821	Uma Shankar Srivastava		Ditto	...
824	Bhagwati Prasad Tripathi	D. A.-V. College, Cawnpore.		II
825	Bhawani Shankar	...	Ditto	...
826	Brij Bhushan Hajela	...	Ditto	...
827	Daya Ram Gupta	...	Ditto	...
828	Devi Dayal Tandon	...	Ditto	...
829	Gaidan Lal Gupta	...	Ditto	...
831	Gulab Chand Jaini	..	Ditto	...
833	Jamna Shankar Varma	...	Ditto	...
834	Kailash Bux Singh Gour		Ditto	...
835	Kaushaliya Nandan Meh- rotra		Ditto	..
838	Lila Dhar Ashthana	...	Ditto	...
842	Ram Chandra Nigam	...	Ditto	...
843	Ram Gopal Agarwal	...	Ditto	...
844	Ram Krishna Tandon	...	Ditto	...
845	Ram Narain Varma	..	Ditto	...
846	Ram Swarup Singhal	...	Ditto	...
848	Shiva Sagar Prasad	...	Ditto	..

Sl no.	Name of candidate	Name of college	Passed in division
850	Sita Ram Pande	D A V College Gawnpore	II
851	Sush Chandra Shakla	Ditto	II
852	Sundar Lal	Ditto	III
853	Vishveshwar Dayal	Ditto	II
856	Jang Bahadar Singh	D A V College Dehra Dun	III
859	Kunwar Bahadur Singh Kusha	Ditto	III
860	Lakshmi Chandra Razada	Ditto	III
861	Mabesh Chandra	Ditto	III
864	Ram Gopal Lohiya	Ditto	III
865	Bishambhar Dayal Gupta	Ditto	III
866	Dalip Singh Negi	Ditto	III
868	Madan Mohan Sankar	Ditto	II
870	Nawal Kishor Gupta	Ditto	III
872	Sheikh Abdul Khaliq	Ditto	II
875	Gauri Shankar Mishra	Govt Inter Col lege Etawah	III
877	Gokul Das Agarwal	Ditto	III
878	Muhammad Wali Khan	Ditto	III
879	Narayan Das Maheshwari	Ditto	III
880	Qazi Saeed Ahmad	Ditto	III
881	Ram Dutt Dubey	Ditto	III
884	Shripit Sahai	Ditto	III
885	Gauri David Dalela	Ditto	II
886	Girwar Dhani Agarwala	Ditto	II
888	Halyan Chandra Agarwal	Ditto	III
889	Rama Shankar Mathur	Ditto	II
890	Shankar Das Vashist	Ditto	III
891	Sharda Prasad Agarwal	Ditto	III
892	Shiam Sundar Lal Sharma	Ditto	II
893	Abul Haq Md Qilwai	Govt. Inter Col lege Fyzabad	II

Roll no.	Name of candidate.	Name of college.	Passed in division.
895	Bhanu Prasad Srivastava	Govt. Inter. College Fyzabad.	II
901	Jagannath Prasad Dnbe ...	Ditto	III
902	Jagannath Prasad Srivastava.	Ditto	III
903	Kedur Nath ...	Ditto	III
904	Khalilur Rahman Khan	Ditto	III
905	Kirpa Shankar Srivastava	Ditto	III
906	Mahabir Prasad Agarwala	Ditto	II
908	Mirza Shahioshah Husain	Ditto	II
909	Muhammad Abdnl Rahman Hanafi.	Ditto	III
910	Mukhtar Ahmad Siddiqi	Ditto	III
911	Patan Din Trivedi ...	Ditto	III
912	Pnrushottam Das Misra	Ditto	III
913	Qaisar Mirza	Ditto	III
915	Saiyid Amanat-Ullah Jafri	Ditto	III
916	Saiyid Muhammad Razi	Ditto	III
919	Satgur Prasad ..	Ditto	III
920	Sarju Prasad Trivedi ..	Ditto	III
922	Tulsi Ram ..	Ditto	III
923	Bindu Prasad Srivastava	Ditto	II
924	Bishun Narain Misra ...	Ditto	II
927	Jiwa Shankar Saksena ...	Ditto	III
929	Kunj Behari Mohan Lal ..	Ditto	II
930	Lakshman Singh Bhatia ...	Ditto	III
931	Manohar Nath Sinha ..	Ditto	II
933	Provash Kumar Bhattacharya.	Ditto	II
935	Ram Behari Lal Mathur...	Ditto	I
937	Abdul Ghaffar	...St. Andrew's College, Gorakhpur.	III
938	Anand Kishore Shahi ..	Ditto	III
939	Badri Prasad Srivastava ..	Ditto	III

Poll no	Name of candidate	Name of college	Passed in division
940	Badri Lal Srivastava	St Andrews Col- lege, Gorakhpur	III
941	Balbhadra Nath Pandey	Ditto	III
942	Bandhu Bahadur Singh ..	Ditto	III
943	Bansh Bahadur	Ditto	III
944	Basist Narayan Sinha	Ditto	III
946	Bijendra Deo Bahadur Singh	Ditto	III
948	Chandra Bhai Ojha	Ditto	III
949	Faizul Jahl	Ditto	III
954	Gajadhar Prasad	Ditto	III
955	Guya Prasad Sharma	Ditto	III
958	Harilal Shai	Ditto	III
960	Jagdish Prasad	Ditto	III
962	Jamuna Dhar Dwivedi	Ditto	III
967	Krishna Prasad	Ditto	III
972	Mohima Prasad Shah	Ditto	III
973	Mathura Nath Dey	Ditto	II
974	Muhammad Abrar Ali Abbas	Ditto	II
977	Raghu Bansh Mani Tripathi	Ditto	III
978	Raj Kishor Datta Tiwari	Ditto	III
979	Raj Narain Lal Ashthana	Ditto	III
980	Ram Jee Lal	Ditto	III
982	Ram Chandra Singh	Ditto	III
986	Saiyid Shamshud Husain	Ditto	III
987	Saiyid Wahidul Hasan	Ditto	III -
988	Shiva Datta Singh ..	Ditto	III
990	Sita Ram Tripathi	Ditto	III
991	Udal Narain Chaturvedi	Ditto	II
992	Anwarul Hasan	Govt Inter. Col- lege, Jhansi.	..
993	Balkrishna Damodar Dholekar	Ditto	III

Roll no.	Name of candidate.	Name of college.	Passed in division.		
994	Bhagwati Prasad Darbari Govt. Inter. College, Jhansi.	II			
996	Deo Ratan Misra	..	Ditto	..	III
997	Dhanna Lal Jain	..	Ditto	..	II
999	Hasan Abdullah	..	Ditto	..	III
1000	Karpoor Chand Jain	..	Ditto	..	III
1001	Lakshmi Narayan Rajpal	..	Ditto	..	III
1004	Muhammad Hashmat Ullah Ahrari.		Ditto	..	III
1005	Ram Swarup Agarwal	..	Ditto	..	III
1006	Shankar Sahai Varma	..	Ditto	..	III
1007	Syed Ahmad Tirmizi	..	Ditto	..	III
1009	Mahabir Prasad Srivastava.		Ditto	..	II
1011	Praphulla Kumar Sur	..	Ditto	..	II
1012	Rahas Behari Lal Srivastava.		Ditto	..	III
1017	Suraj Mal Jain	..	Ditto	..	II
1018	Buddhi Prakash	..	Govt. Jubilee Inter. College, Lucknow.	III	
1019	Baha-ud-din Ali	..	Ditto	..	III
1020	Dwarka Prasad	..	Ditto	..	II
1022	Gauri Shankar	..	Ditto	..	III
1024	Ganga Dbar Misra	..	Ditto	..	II
1026	Hari Krishna Narayan	..	Ditto	..	III
1027	Mahesh Chandra	..	Ditto	..	II
1028	Muhammad Abdul Jabbar	..	Ditto	..	III
1030	Onkar Prasad Verma	..	Ditto	..	III
1031	Sardar Ali Rizwi	..	Ditto	..	III
1032	Saiyid Athar Ali	..	Ditto	..	III
1034	Sita Ram	..	Ditto	..	III
1035	Sri Ram Avasthi	..	Ditto	..	III
1036	Saiyid Zia-ud-din Kirmani	..	Ditto	..	III

Roll no	Name of candidate	Name of college	Passed in division
1058	Vidya Dhar Dikshit	Govt. Jubilee Inter College Lucknow	III
1039	Balkunth Nath	Ditto	II
1040	Harnandan Praaad Sinha	Ditto	II
1041	Maharaj Narain Mathur	Ditto	II
1042	Manmohan Nath Zutshi	Ditto	III
1043	Ram Chandra Saksena	Ditto	II
1044	Sitla Baksh	Ditto	III
1045	Sushil Kumar Datt	Ditto	II
1046	Uma Shankar Srivastava	Ditto	III
1047	Vansh Gopal Jhingram	Ditto	II
1048	Aftab Ahmad	Shri Interme- diate College Lucknow	III
1049	Mahmud Hussain	Ditto	III
1050	Mohammed Raza Hussain	Ditto	III
1051	Muhammad Zuber	Ditto	III
1055	Ali Abbad	Ditto	III
1058	Hasan Mian	Ditto	III
1060	Iqtedar Hussian	Ditto	III
1066	Mustafa Hussain	Ditto	III
1071	Ziwar Hussain	Ditto	III
1072	Zulfiqar Hussain	Ditto	III
1076	Percy William Khan	La Martinière College Luck- now	II
1079	Abi Nash Chandra Mathur	Christian Inter- mediate College Lucknow	III
1080	Amar Nath Misra	Ditto	III
1081	Anwar ul Haq Siddiqui	Ditto	II
1082	Azizullah Khan	Ditto ..	III
1084	Bishambhar Dutt Ojha	D. 10 ..	7
1085	Bhaya Lal	Ditto ..	21

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passes in division.</i>
1086	Birkett Cornelius	.. Christian Intermediate College, Lucknow.	III
1088	Devi Shankar	... Ditto	III
1090	Ganesh Persad Sheoratan Mandrele.	Ditto	III
1091	Girja Shankar Srivastava	Ditto	II
1094	Iqbal Krishna	... Ditto	III
1097	Kr. Rameshwar Bakhsh Singh.	Ditto	III
1098	Lakshmi Nath Misra	.. Ditto	II
1102	Muhammad Wasi	... Ditto	III
1105	Muhammad Abdul Baqi Kidwai.	Ditto	III
1106	Muhammad Iqbal Ali	... Ditto	III
1108	Mnhammad Altaf Husain	Ditto	III
1109	Manohar Lal Trivedi	... Ditto	III
1111	Muhammad Sami Siddiqi	Ditto	III
1112	Nazir Ahmad	.. Ditto	III
1113	Niranjan Nath	.. Ditto	III
1115	Pushkar Nath Bhutt	... Ditto	III
1116	Raj Nath	.. Ditto	II
1118	Swami Saran Nigam	... Ditto	III
1119	Syed Ashfaq Hasan Rizvi Belgrami.	Ditto	III
1122	Shiva Balab Misra	... Ditto	II
1123	Sajjad Zaheer	... Ditto	II
1124	Tahir Mirza ..	... Ditto	III
1125	Theodore Parmeshevar Datt Chitambar.	Ditto	III
1126	Uma Shankar Amist	... Ditto	III
1127	Uttam Chandra Sharma	Ditto	III
1128	Uma Shankar Chitravan- shi.	Ditto	II
1130	Walter Newton	... Ditto	III

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division.</i>
1189	Saraj Kumar Biswas	...Christian Intermediate College, Lucknow.	III
1190	Shiva Sadhan Bose	... Ditto	III
1193	Sahebzada Masuduzzafar Khan.	Ditto	II
1195	Theophilus Beujamin Shah	Ditto	II
1199	Tribhuwan Prasad Gaurgas.	Ditto	III
1200	Doris Euphemia Garlah	Isabella Thoburn College, Lucknow.	II
1201	Elsie Myrtle Singh	Ditto	III
1202	Ethel Blanche Jacob	Ditto	II
1203	Gladys Clive	Ditto	II
1204	Hameed Muhammad Hussain.	Ditto	III
1205	Hasoor-uu-uisa	Ditto	II
1207	Mabel Theodora Speake	Ditto	III
1208	Malati Deolalikar	Ditto	III
1209	Mohini Kripal Singh	Ditto	III
1210	Mumtaz Jahan Abdullah...	Ditto	III
1211	Myrtle Sarah Pant	Ditto	II
1214	Sajidah Nizam-ud-din Hasau.	Ditto	III
1215	Kamala Raghuanath Narulkar.	Ditto	III
1216	Kathleen Calancy	Ditto	II
1217	Lizzie Bux	Ditto	III
1218	Ajit Pershad Jain	Meerut College, Meerut.	III
1219	Amra Prasad Maheshwari	Ditto	III
1221	Banarsi Das Gupta	Ditto	III
1225	Iudra Sain Jain	Ditto	III

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division</i>
1226	Iqrar Ullah	Mesrut College, Meerut.	III
1229	Kundan Lal Sharma	Ditto	...
1231	Manzur Yunus	Ditto	...
1237	Murif ul-Abadine Farsad	Ditto	...
1238	Mutsaddi Lal Kamboh	Ditto	...
1239	Nand Kishore Rastogi	Ditto	...
1240	Nawab Muhammad	Ditto	III
1245	Ram Das Sharma	Ditto	...
1246	Sayid Ahmad Zaidi	Ditto	...
1248	Shital Prasad	Ditto	...
1249	Sudarshananaand Pujari	Ditto	III
1252	Abdul Shakoor Khan	Ditto	...
1253	Amarendra Nath Chatterji	Ditto	...
1254	Bibhuti Bhushan Mukerji	Ditto	...
1255	Brijnandan Lal	Ditto	...
1257	Dharam Chaudhary	Ditto	...
1258	Gopi Chandra Vaish	Ditto	...
1263	Ishwar Saran	Ditto	...
1264	Jagat Singh Pawar	Ditto	III
1266	Jatanti Prasada Jain	Ditto	...
1267	Janeshwari Das	Ditto	...
1271	Padam Singh Jain	Ditto	...
1272	Pyare Lal Sharma	Ditto	...
1273	Baghubir Saran Jain	Ditto	...
1274	Ram Kunwar	Ditto	II
1275	Ram Prasad	Ditto	...
1276	Ram Rikhspal	Ditto	III
1279	Shital Prasad	Ditto	II
1281	Sumit Prasad	Ditto	II
1282	Terence Eric Allan	Ditto	II
1283	Tirloki Nath Srivastava	Ditto	...
1285	Yadava Mohan Lal	Ditto	...
1286	Abdul Rasheed Khan	Govt Int College Moradabad.	II

Roll no.	Name of candidate	Name of college.	Passeed in division
1287	Brij Kumar...	.. Govt. Int. College, Moradabad	III
1289	Fazlur Rahman Khan ...	Ditto	... III
1290	Gokul Prasad Khannah ...	Ditto	... III
1292	Jugal Kishore Bhatnagar	Ditto	... III
1295	Muhammad Ghayur ...	Ditto	... II
1297	Muhammad Nabi Fauq Siddiqi.	Ditto	... III
1299	Nathu Lal ...	Ditto	... III
1303	Sampat Kumar ..	Ditto	... III
1306	Bhagwant Sahai Mathur	Ditto	.. III
1307	Bhawani Dat Jyotirvid ...	Ditto	... III
1311	Lakshmi Narain Vaish ..	Ditto	... III
1314	Ram Krishna .	Ditto	... III
1315	Shiam Kishor Sharma ...	Ditto	... III
1316	Shri Krishna Parekh ...	Ditto	... III
1317	Azhar Karim Ansari ...	Government Col- lege, Ajmer.	III
1320	Durga Datta Upadhyaya ...	Ditto	... III
1321	Durga Prasad Joshi ...	Ditto	... III
1322	Durga Prasad Sharma ...	Ditto	... III
1323	Durga Shankar Mathur ...	Ditto	... III
1324	Fazal Ahmad Khan ...	Ditto	... III
1325	Gokul Lal Gupta ...	Ditto	... III
1326	Gopal Ram Chandra Afle	Ditto	... III
1327	Iqbal Narain Ganjoor ..	Ditto	... III
1328	Jeet Mal Mehta ...	Ditto	.. III
1329	Kanhaiya Lall Sharma ..	Ditto	... III
1330	Krishna Lal Saukhla ..	Ditto	... III
1331	Kushel Singh Chaudhri ..	Ditto	... III
1332	Muhammad Abdul Qayum	Ditto	... III
1335	Raj Narayan Mathur ...	Ditto	... III
1336	Syed Sariful Hasan ...	Ditto	... II
1340	Bhagirath Mal ...	Ditto	... III
1342	Dan Mal Mathur ...	Ditto	... III

Loll no.	Name of candidate	Name of college	Passed in division
1344	Ganesh Chandra Mohery	Govt College, Ajmer.	" II
1346	Har Saran Rawat	Ditto	II
1347	Heera Lall Katanpuria	Ditto	II
1349	Krishen Mohan Kaul	Ditto	II
1357	Mahammad Kazim Faruqi	Ditto	III
1359	Ravi Shankar Derash	Ditto	II
1362	Yashodanandan Samant	Ditto	III
1364	Bheroon Lal Tapodi	Maharana's Col lege, Udaipur Mewar	III
1366	Daulat Singh Kothari	Ditto	...
1368	Ramchandra Sanadhyा	Ditto	III
1370	Roshan Lal Khabya	Ditto	III
1371	Umrao Singh Bhatinagar	Ditto	III
1372	Anand Behari Lal Mishra	Victoria College, Gwalior	III
1373	Basudeo Prasad Shukla	Ditto	III
1375	Hari Har Sabar	Ditto	III
1377	Madho Singh Saksema	Ditto	II
1380	Ramchandra Damodar Savate	Ditto	II
1382	Ram Kishore Sharma	Ditto	III
1383	Ramshankar Shukla	Ditto	III
1384	Sain Dass Kashyab	Ditto	II
1385	Syed Mazhar Ali	Ditto	III
1390	Gangadhar Ramchandra Khedkar	Ditto	III
1391	Hari Singh Yadava	Ditto	III
1397	Malik Nasiruddin Mah mood Khan	Ditto	II
1398	Pritam Singh Hundal	Ditto	III
1400	Raghunath Sabai	Ditto	III
1404	Sheo Narain	Ditto	III

Roll no.	Name of candidate.	Name of college.	Passed in division.
1408	Vishnu Dattatray Dande- kar.	Victoria College, Gwalior.	II
1414	Bapulal Khadak Singh, Ka- nungo.	Indore Christian College, Indore.	II
1415	Bhargao Shridhar Jogle- kar.	Ditto ...	III
1417	Dattatraya Shridhar Datar	Ditto ...	III
1418	Devi Prasad Tiwari ...	Ditto ...	III
1420	Ganesh Ramchandra Wad- nerkar.	Ditto ...	III
1421	Gangaram Narain Jain ...	Ditto ...	III
1423	Gauri Shankar Mukhe- padhayay.	Ditto ..	II
1424	Govind Ganesh Despande	Ditto ...	III
1425	Hari Mukundrao Thombre	Ditto ...	III
1426	Hazarilal Jain ..	Ditto ...	III
1427	Kanturam Nathopant Pa- belkar.	Ditto ...	II
1428	Kashibai. Gopal Tambay (Miss).	Ditto ...	III
1429	Kishorilal Lutoria ..	Ditto ...	III
1431	Krishnaji Lavman Bapat	Ditto ...	II
1432	Krishnarao Annarao Ja- dhav.	Ditto ...	III
1433	Laxman Balkrishna Patil	Ditto ...	III
1434	Lokman Chandrabhan Go- ware.	Ditto ...	III
1435	Moreshwar Ganesh Ring- angaonkar.	Ditto ...	III
1436	Moreshwar Gopalrao Kan- go.	Ditto ...	III
1438	Motilal	Ditto ...	II
1440	Nerbuda Prasad Bhardwaj	Ditto ...	II
1441	Nilkanth Vinayak Aras...	Ditto ...	III
1443	Pannalal Bargole ...	Ditto ...	III

Poll no	Name of candidate	Name of college	Passed in division.
1444	Pundlik Namdeo Mudhol kar	Indore Christian College Indore	III
1446	Raghunath Kashab Page	Ditto	II
1448	Ramchandra Narainbhai Gupta	Ditto	III
1449	Ramdas Jaurao Kulkarni	Ditto	III
1450	Ram Dutta Chaubey	Ditto	III
1452	Sadashiva Hari Rahalkar	Ditto	III
1454	Shamrao Vithoba Khadse	Ditto	III
1457	Shantaram Gopal Nanjam dar	Ditto	III
1459	Shriram Gopal Deshpande	Ditto	III
1460	Saur Madho Singh Lakshman Singh	Ditto	III
1461	Trimbak Nagor n Dhar madhikari	Ditto	III
1462	Trimbak Waman Sant	Ditto	III
1464	Vasudeo Parashuram Pun tomhatkar	Ditto	III
1465	Vinayak Keshav Dongre	Ditto	III
1468	Wasai t Gurubhumi Utgkar	Ditto	III
1469	Yeshwant Gopalrao Gad kari	Ditto	II
1471	Arjun Singh Bhagwan Sisodia	Holkar College Indore	III
1472	Baliram Krishna Rao Ka war	Ditto	III
1473	Dittatraya Chimauroao Dani	Ditto	III
1474	Dinkar Waman Joshi	Ditto	III
1477	Govind Vynkatesh Suran ge	Ditto	III
1478	Jauardan Mahadeo Pendse	Ditto	III

Roll no.	Name of candidate	Name of college	Dated in or n.p.
1483	Muhammad Iftikhar Ali Khan	Holkar College, Indore.	II
1486	Prabhakar Sadasiva Chiny.	Ditto ...	III
1487	Ram Narayan Nanhehal Srivastava.	Ditto ...	III
1489	Sheo Narayan Srivastava	Ditto ...	III
1491	Sarajbhain Sanghi ...	Ditto ...	III
1492	Sayed Abid Ali	Ditto ..	III
1495	Anokhe Lal Parashur ...	Ditto ...	III
1496	Damodar Gopal Dhavale	Ditto ...	III
1498	Dev Krishna Lakhrajji Upadhyaya.	Ditto ...	III
1500	Digamber Krishna Rao Rahalkar.	Ditto ...	III
1501	Ganga Ram Verma ...	Ditto ...	II
1502	George E. Cornelius ...	Ditto ...	II
1505	Laxman Devidas Ansing- kar.	Ditto ...	III
1506	Narayan Madhavrao Ku- tumbale.	Ditto ...	II
1507	Narhar Gopalrao Joshi ...	Ditto ..	III
1508	Ramchandra Balwant Ko- tasthane.	Ditto ...	II
1509	Shatrughna Mahadeo Pra- dhan.	Ditto ...	II
1511	Shri Krishna Ganesh Tam- be.	Ditto ...	II
1514	Vasudeo Vinayak Sarwate	Ditto ...	III
1515	Vishnu Raghunatha Ne- vaskar.	Ditto ...	II
1516	Vishwanath Ramchandra Dhadapkar.	Ditto ..	III
1517	Wasudeo Gopulrao Sabhe- dar.	Ditto ...	III

P. No.	Name of candidate	No. & of college	Passed in division
1518	Bala Baksh	Maharaja's Inter College Jaipur	III
1519	Bhom Nath Gupta	Ditto	III
1520	Bankay Lal Govilla	Ditto	II
1524	Govind Narain Sharma Visharada	Ditto	III
1525	Gopal Chandra Saksena	Ditto	III
1526	Hailash Nath Mahendra	Ditto	III
1533	Madhusudan Lal Sharma	Ditto	III
1536	Mohan Lal Mathur	Ditto	III
1539	Madhava Charan Saksena	Ditto	III
1539	Mohammad Zulfikar Ali	Ditto	III
1541	Ram Swarup Govilla	Ditto	III
1544	Taja Ram Pantogi	Ditto	III
1546	Shobha Ram Gupta	Ditto	III
1548	Shiva Chiran Sharma	Ditto	III
1550	Bhooni Lal Srivastava	Ditto	II
1563	Balak Ram Gangwar	Ditto	II
1554	Birendra Prasad Garg	Ditto	III
1557	Jugal Kishore Mathur	Ditto	I
1559	Lakshmi Prasad Mathur	Ditto	III
1565	Zuber Singh	Ditto	III

PRIVATE CANDIDATES

1568	Alimullah Ansari	Gorakhpur	III
1570	Amba Dul Joshi	Agra	III
1570	Balmukund A. Khishi	Jodhpur	III
1580	Bashir Ahmad	Saharanpur	III
1581	Bhagywati	Benares	III
1582	Bhaskar Govind Varulkar	Indore	III
1587	Braj Kishore Sisena	Jhansi	III
1593	Damodar Prasad Sharma	Moradabad	III
1595	Daulat Singh Shiv Singh	Indore Jahagirdar	III
1601	Ganpati Balaji Wazalwar	Bhandara	III
1603	Gerald Edgar Farrel	Lu know	III

<i>Roll no.</i>	<i>Name of candidate</i>	<i>Name of college.</i>	<i>Passed in division.</i>
1605	Gopi Lal Yadav	... Bharatpur	... III
1606	Gopi Nath Mathur	... Jodhpur	... III
1608	Govind Balkrishna Kar-	Jalgaon	.. III
	kare.		
1624	Jhamman Singh	... Sojat	... III
1627	Kailash Chandra Kapur	... Bareilly	... III
1629	Kali Pada Bhattacharya	Benares	... III
1631	Kamta Shiroman Singh	... Gwalior	... III
1634	Kehar Singh ..	... Moradabad	... III
1638	Krishna Swarup Sarin	.. Fyzabad	.. III
1641	Lalta Prasad	.. Allahabad	... III
1642	Laxman Ganesh Shidhore	Dewas	.. III
1643	Madho Singh B Thokey	... Naini Tal	... III
1645	Mahadeo Mukund Kopar-	Dhar	... III
	gaonkar.		
1646	Mahadeo Prasad Srivastava.		... III
1647	Mahendrapal Singh	... Mainpuri	... III
1654	Mukat Behari Lal	... Bareilly	... III
1661	Panthobi Das	... Gorakhpur	... III
1664	Purushottumrao Atmaram	Indore	... III
	- Scindia.		
1671	Rajeshwar Prasad Johri	.. Rajgarh	... II
1677	Raj Narain Singh	.. Farrukhabad.	... II
1679	Ram Chandra Anant	Gwalior	... III
	Nhawakar.		
1680	Ramchandra Joshi	... Jodhpur	... III
1681	Ram Jatan Misra	... Gorakhpur	... III
1683	Ramkrishna Bhairao	Indore	... III
	Subnis.		
1685	Ram Narayan Yadav	... Bulandshahr	... II
1686	Ram Sinha ...	Agra	... III
1691	Roop Narain Raizada	... Do.	... III
1693	Rup Narain Sharma	... Gwalior	... III

Roll no.	Name of candidate	Name of college	Passed in division
1694	Saiyid Mohammad Laqa Fyzabid Ali Naqvi Kazimi		II
1698	Sheo Deo Shukla	Cawnpore	III
1705	Shankar Das Trivedi	Allahabad	III
1706	Shankar Divali Kalsbreshht	Saharanpur	III
1708	Shankar Jagannath Bhate	Indore	III
1711	Shiva Charan Lal Gupta	Bewar	III
1715	Shyam Behari Lal	Chandau	III
1716	Shyam Kumar Nehru	Allahabad	II
1722	Syed Shaikat Husain	Jaipur Zaidi	II
1724	Trilok Nath Varma	Gorakhpur	III
1730	Vinayak Ganesh Belapur	Lashkar kar	III
1731	Vishnu Wasudeo Joshi	Nhow	III

UNDER REG 18 CHAPTER XII OF THE BOARDS
REGULATIONS ROLL NOS 1733-1736

1733	Malikhan Lal	Merat College	P
1734	Murli Manohar Mathur	Agra College	P
1735	Omkar Nath Mutto	Ditto	P
1736	Megh Singh Varma	Agra	P

UNDER REG 9 CHAPTER XIV OF THE BOARDS
REGULATIONS. ROLL NO 1737.

1737	Kunwar Govind Singh	Ewing Christian College Allah abad	Passed Biology-
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**List of candidates who have passed the Commercial
Diploma Examination of 1924.**

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division</i>
1	Ayodhya Prasad Vaish	St. John's College, Agra.	III
3	Bal Mukand Goval	Ditto	III
7	Chbitar Mal Gupta	Ditto	III
8	Chbut'an Lal Vaish	Ditto	II
10	Durga Prasad Jain	Ditto	II
13	Fateh Singh Pandir	Ditto	II
15	Girdhar Das	Ditto	III
19	Har Narain Sharma	Ditto	II
20	Har Prasad Bhatnagar	Ditto	II
21	Indu Bhushan Biswas	Ditto	III
22	Jagat Singh Sharma	Ditto	III
23	Jagdish Prasad Bhargava	Ditto	II
27	Krishna Dayal Mathur	Ditto	II
28	Krishna Swarup Saksena	Ditto	II
29	Lalla Mal Vaish	Ditto	II
34	Munshi Lal Gupta	Ditto	I
36	Narendra Nath Kathju	Ditto	III
37	Nihal Sinha Asthana	Ditto	II
38	Panna Lal	Ditto	III
40	Pratap Singh Srivastava	Ditto	II
43	Raghubar Dayal Sharma	Ditto	II
44	Raghubir Narain Bhat- nagar.	Ditto	I
45	Ram Nath Sharma	Ditto	III
46	Ram Chandra Gupta	Ditto	II
47	Ram Kripal	Ditto	II
48	Ram Saran Bery	Ditto	II
49	Rohini Nandan Sahay	Ditto	II
50	Shanker Dayal Verma	Ditto	II
51	Shanti Swarup Swami	Ditto	II
52	Shri Ram Gupta	Ditto	I

Roll no	Name of candidate	Name of college	Passed in division
St	John's Col	II	
53	Sri Bhagwan	lege	II
55	Triloki Nath Bhargava	Ditto	II
56	Abul Qasim	S D College of Commerce Cawn pore	III
57	Amba Lal Sharma	Ditto	II
58	Avalih Bihari Lal	Ditto	II
59	Baman Chauhan	Ditto	I
61	Beni Prasad	Ditto	II
63	Bhagwan Swarup Bhat- nagar	Ditto	II
64	Brij Mohan Saran Sharma	Ditto	II
65	Chandraman Prasad	Ditto	II
66	Chitru Bhuj Vajpai	Ditto	II
67	Dimodar Das Bhargava	Ditto	II
68	Darsban Lal Jatni	Ditto	II
69	Durga Prasad Mehrotra	Ditto	II
70	Ganesh Prasad Buppai	Ditto	II
71	Gur Narain Khanna	Ditto	II
72	Har Narain Agarwal	Ditto	II
73	Jagan Lal Gupta	Ditto	II
74	Jagdish Prasad Kudsa	Ditto	II
75	Jiwan Nath Dar	Ditto	II
76	Kisbora Lal Govil	Ditto	II
77	Kuuden Singh Mall	Ditto	III
78	Laxmi Prasad Srivastava	Ditto	III
79	Madan Mohan Gupta	Ditto	II
80	Madan Mohan Lal Varma	Ditto	II
81	Maharaj Kishore Gupta	Ditto	III
82	Mahabir Sihai Phatnagar	Ditto	II
83	Makhan Lal	Ditto	I
84	Mani Shankar Misra	Ditto	II
85	Muhammad Smaullah	Ditto	I
86	Nathun Lal	Ditto	

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division.</i>
87	Nowrojee Nanabhoy Javeri	S. D. College of Commerce, Cawnpore.	III
89	Pratap Narain Chaturvedi	Ditto	II
90	Rabi Shekhar Saksena	... Ditto	III
91	Radha Krishna Tiwari	... Ditto	III
92	Ram Das Garza	... Ditto	III
93	Ram Kishore Singh	... Ditto	II
94	Ram Lagan Pande	... Ditto	II
95	Ram Prasad Agarwal	... Ditto	II
96	Ram Prasad Metal	... Ditto	II
97	Ram Nath Misra	... Ditto	II
98	Shankar Prasad Upadhyaya	Ditto	III
99	Shankar Sahai Saksena	Ditto	II
100	Shiva Badan Lal	... Ditto	II
101	Shiva Shankar Agarwala	Ditto	II
102	Shiva Shankar Shivapuri	Ditto	II
103	Shri Ram Gupta	... Ditto	II
104	Shyam Behari Lal Srivastava.	Ditto	II
105	Shyam Swarup Kulshreshtha.	Ditto	III
106	Suraj Narain	... Ditto	II
107	Suraj Narain Johri	... Ditto	III
108	Tribeni Prasad	... Ditto	II
109	Triloki Nath Mehrotra	... Ditto	III
110	Vasudeo Vinayak Parakh	Ditto	III
111	Vigyan Swarup	... Ditto	II
112	Wahid Uddin	... Ditto	II
113	Aditya Prasad Khattri	D. A.-V. College, Cawnpore.	III
115	Balbhadra Prasad Pande...	Ditto	III
116	Beni Shankar Tripathi	... Ditto	II
118	Bhagavat Saran Audholia	Ditto	II
119	Bharat Singh Gurhar	... Ditto	III

Poll no.	Name of candidate	Name of college	Passed in division
D A V College	II		
122	Budh Sen Agarwalla	Cawnpore.	III
123	Chandra Bhal Misra	Ditto	II
124	Chandradhari Saran Sinha	Ditto	III
125	Din Dayal Singh Bhat nagar	Ditto	II
126	Govind Prasad Srivastava	Ditto	II
127	Harish Chandra Sharma	Ditto	III
128	Jagmohan Prasad Misra	Ditto	II
129	Lalita Saran Bhare	Ditto	II
130	Mata Prasad Shukla	Ditto	III
131	Munshi Lal Tuenguria	Ditto	III
132	Sada Siva Shukla	Ditto	II
133	Sarjan Narain Agnihotry	Ditto	II
134	Sham Bihari Tonkton	Ditto	III
135	Shyam Sundar	Ditto	III
136	Abdur Rafay	Lucknow Chris- tian College	II
137	Amir Singh	Lucknow	III
138	Avadh Bihari Lal	Ditto	II
139	Ajodhya Prasad Misra	Ditto	III
140	Bishwa Nath Srivastava	Ditto	III
141	Bisheshwar Nath As- thaus	Ditto	III
142	Chandra Dhar Avasthy	Ditto	III
143	Chandra Mukher Shukla	Ditto	II
144	Henry William Singh	Ditto	II
145	Hritikesh Misra	Ditto	III
146	Jagdeshwar Dayal	Ditto	III
147	Jagdish Saran Srivastava	Ditto	II
148	Janki Ramu Bhargava	Ditto	II
149	Latji Prasad Sinha	Ditto	II

<i>Roll no.</i>	<i>Name of candidate</i>	<i>Name of college</i>	<i>Passed in division.</i>
172	Muhammad Abdul Salam	Lucknow Christian College, Lucknow.	III
173	Muhammad Shah Beg ...	Ditto	...
175	Muhammad Mustafa Ali Khan.	Ditto	...
176	Muhammad Ahmad ...	Ditto	...
177	Muhammad Abdul Kabir Khan.	Ditto	...
178	Raja Ram Gupta ...	Ditto	...
181	Safdar Husain	Ditto	...
182	Sant Ram ...	Ditto	...
183	Satya Dev Chindapuri ...	Ditto	...
184	Seth Narotham Tewarson	Ditto	...
186	Shiva Ratan Lal Sharma	Ditto	...
187	Shrikant Misra ...	Ditto	...
188	Sushil Kumar Chatterjee	Ditto	...
190	Whitefield Caleb ...	Ditto	...

PRIVATE CANDIDATES

192	Chatur Behari Lal Bulandshahri Basishtha.	....	II
194	Kishan Lal Agarwal ... Aligarh	...	II
197	Nemi Chand Gupta ... Agra	...	II
198	Yaqub Shipstone ... Lucknow	...	

UNDER REGULATION 18, CHAPTER XII OF THE BOARD'S REGULATIONS

199	Bishan Swarup Gupta ... S. D. College of Commerce, Cawnpore.		
201	Shadi Lal ... Agra district	...	Passed.

APPENDIX F

FORMS

(1) Form of application for the recognition of Institutions for the Board's Examinations

Application for the recognition of _____

for the High
School _____
Intermediate College
School or ^{and} Intermediate Examination

Pl. . (a) The general desirability of the institution with reference to the suitability and sufficiency of existing institutions in the locality

Statement by the authorities of the institution	Remarks of Inspector or Inspectors

(b) The special aims of the institution,

Statement by the authorities of the institution	Remarks of Inspector or Inspectors

(e) The probable effect on existing institutions

Statement by the authority of the institution

Remarks of Inspector or Inspector

*Columns 1 (a), (b), and (c) should be filled up by the last two rows only

2 Is the Committee of Management registered as a society under Act XXI of 1860 ?

Names of the members of the Committee of Management.

Names of the members of the Executive Committee
(if any).

3 Name of Manager or Secretary or Correspondent, as the case may be

Statement by the Manager or Secretary

Remarks of Inspector or Inspector

4. Number of scholars in each class or section of a class.

Class (with section),	Number of scholars in each section	Statement by the Manager or Secretary,	Remarks of Inspector or Inspector

5. Accommodation provided in class-rooms and in hostels.

This statement should be accompanied by a sketch *drawn to scale* (*a*) of the school compound, showing the location of all buildings on it; (*b*) of the school building, showing the class-rooms and other rooms, and the purposes for which the several rooms are used; and (*c*) of two hostels or hostels.

Statement by the Manager or Head of the institution.

Remarks of Inspector or Inspector.

6 Subjects in which recognition is sought, and the Vernacular or Vernaculars proposed to be taught

Statement by the Manager or Head of the institution

Remarks of Inspector or Inspector

7. Qualifications and rates of pay of the teaching staff.

No.	Names of teachers with designation*	Qualifications (L.L.B., B.Sc., Diploma, Certification, etc.)	Scale of pay. 1	Statement by the Manager or Inspector,	Remarks of Inspector or Inspector,

- NOTES.—{1} The clerical staff should be shown separately
{2} In the case of a school reopening to open but named etc etc re- the additional staff employed for the teaching
of these classes should be separately shown
{3} If the scale of pay is progressive to the rate of per cent per month should be also given

8. - Special arrangements, if any, made for the teaching of any subject or subjects.

Statement by the Manager or Head of the institution.	Remarks of Inspector or Inspectors.

9. Provision and appliances for the teaching of —

- (a) Science,
- (b) Drawing,
- (c) Commerce,
- (d) Manual Training,
- (e) Agriculture,
- (f) Domestic Science,
- (g) — ,
- (h) — ,
- (i) — ,
- (j) — ,

Statement by the Manager or Head of the Institution	Remarks of Inspector or Inspectors

ie. Provision made for the medical examination, health, recreation, physical training and discipline of scholars.

Statement by the Manager or Head of the institution	For marks of Inspector or Inspectors.
---	---------------------------------------

II Scale of fees charged, and the provision, if any, for the admission of poor scholars

Statement by the Magistrate

Remarks of Inspector or Inspectors

13. Certificate to be signed by the Manager or Head Master or Principal of the institution, applying for recognition.

I hereby certify that the statements made in this application are correct, and I undertake that in case the institution is recognized for the High School Intermediate Examination, I shall abide by the Regulations of the Board of High School and Intermediate Education, United Provinces.

Manager, Head Master, or Principal.

Dated _____

School _____
College _____

14 Recommendations of Inspector or Inspectors

Inspectors should state whether and in what subjects or on what conditions
recognition should in their opinion be granted]

			<i>Inspector of Schools—Division</i>
			<i>Inspectors</i>
			<i>(Signed)</i>
		<i>Dated</i> —	

(2) Forms of applications for admission to the Board's Examinations.

Roll No. _____

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, U. P.

HIGH SCHOOL EXAMINATION (TO BE CONDUCTED ON THE LINES OF THE MATRICULATION EXAMINATION) OF MARCH, 1924.

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 7th January, 1924.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL
AND INTERMEDIATE EDUCATION,
UNITED PROVINCES, ALLAHABAD.

SIR,

I REQUEST permission to present myself at the ensuing High School Examination (to be conducted on the lines of the Matriculation Examination) of the Board of High School and Intermediate Education, United Provinces.

* The fee of Rupees 15 has been paid.

I am, etc.,

(Name to be written in full and clearly.)

Student _____ School.

CERTIFICATE.

I CERTIFY that I know nothing against the character of the above-

This certificate is to be signed by the head named candidate which ought of the institution from which the candidate to exclude him from the High School Examination, that ^{he} _{she} has attended a regular course of instruction at a recognised school in each and all of the subjects offered, for not less than two years preceding the date of the examination, that he has signed the above application in my presence and that he has paid the prescribed examination fee of Rs. 15.

Name _____

Designation _____

Station _____

The _____ 1924.

*The Admission Card will be sent to the officer who signs this application form, and not direct to the candidate.

**PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY
BY THE CANDIDATES**

Name (In full)	.		
Date of birth (date, month and year to be entered here and not month and year only)	.		
Age (in years and months on the 1st May, 1924)	.	..	years months
Name of father	.		
Name of guardian	..		
Religion	.		
Race (i.e. nation, tribe, etc., etc.)	..		
Caste, if any	..		
District and town or village where resident	.	..	
Length of residence in the Province or State	.	..	
Optional subjects in which to be ex- amined	..	..	{ 1. _____ 2. _____
Language from which Translation is to be made into English in the English third paper or English Composition in the case of candidates whose mother tongue is English	.		
*Where to be examined	.		

(Signature of Candidate in full)

*The following are the centres for the Examinations —

Agra, Allahabad, Gorakhpur, Lucknow, Meerut, Jhansi, Bareilly, Bulandshahr,
Srinagar (Sarkash), Ajmer, Jaipur, Gwalior, New Delhi and Indore.

N.B.—Students from one and the same institution are required to present themselves for examination at one and the same centre of examination.

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION, UNITED PROVINCES.

HIGH SCHOOL EXAMINATION (TO BE CONDUCTED ON THE
LINES OF THE MATRICULATION EXAMINATION), 1924

ADMISSION CARD.

All the entries except those for Roll number and centre should be filled up in the office of the Head Master or Principal

Admit _____

(Roll no. _____) of _____ School
College _____

to _____ Centre, _____

A. C. MUKERJI, M.A., RAI BAHADUR,
*Secretary, Board of High School and Intermediate
Education, United Provinces.*

ALLAHABAD :

The 1st March, 1924.

Issued on _____ 1924.

Head Master
Principal

School
College _____

RULES FOR THE GUIDANCE OF CANDIDATES

1.—The dates and the hours of the High School Examination of 1926 will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out the allotted seats for themselves.

4.—Candidates are not to have about them while writing to answer their papers any books, notes or papers whatever.

5.—The answers must be written on one side of the page only the other side may be used for rough work and no portion of the answer book provided may be torn out. If a candidate wishes to leave any part of his answers he may do so by drawing a straight line across it.

6.—All candidates are required to provide their own pens.

7.—Candidates must obey any instructions they receive from the Officer in charge of the examination.

8.—Candidates must produce their Admission Cards when demanded.

9.—A duplicate copy of the Admission Card is issued on payment of two rupees.

10.—No guarantee will be given to the candidates as to the order in which and the dates on which the question papers will be given to them.

11.—Candidates must await the publication of the result in the *State and Provincial Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of the Government Circular in which the result will be published he should apply for it to the Superintendent Government Press, United Provinces.

A. C. MUKERJI M.A. B.L.H.

Secretary Board of High School and Intermediate

Education United Provinces

AGRAHAD

The 1st March 1926

Roll No.

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION,
UNITED PROVINCES.

HIGH SCHOOL EXAMINATION (TO BE CONDUCTED ON
THE LINES OF THE SCHOOL-LEAVING CERTIFICATE
EXAMINATION), 1924

PARTICULARS TO BE FILLED IN BY THE CANDIDATE

1. Name in full
2. Caste, if Hindu; otherwise
religion
3. District and town or village
where resident
4. Length of residence in the
United Provinces..
5. Name of father

Signature of candidate (in full)

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION,
UNITED PROVINCES.

HIGH SCHOOL EXAMINATION (TO BE CONDUCTED ON
THE LINES OF THE SCHOOL-LEAVING CERTIFICATE
EXAMINATION), 1924.

ADMISSION FORM.

All the entries except those for Roll number and centre should be filled up in the office of the Head Master or Principal.

Admit _____

A. C. MUKERJI, M.A., RAI BAHADUR.
*Secretary, Board of High School and Intermediate
Education, United Provinces.*

ALLAHABAD :

{The 10th March, 1924.

Issued on _____ 1924.

Signature _____

Head Master,
Principal

School
College

RULES FOR THE GUIDANCE OF CANDIDATES

1.—The dates and the hours of the High School Examination (to be conducted on the lines of the School Leaving Certificate Examination) of 1924 will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them while sitting to answer their papers any books, notes or papers whatever.

5.—The answers must be written on one side of the page only, the other side may be used for rough work and no portion of the answer book provided may be torn out. If a candidate wishes to cancel any part of his answers he may do so by drawing diagonal lines across it.

6.—All candidates are required to provide their own pens. To answer the Second Paper of Domestic Science on sewing and cutting out, candidates are required to provide their own needles, thread and pair of scissors. Blotting paper will be supplied in the answer books.

7.—Candidates must obey any instructions they receive from the Officer in charge of the Examination.

8.—Candidates must produce the admission forms when demanded.

9.—A duplicate copy of the admission form is issued on payment of *Rs 2*.

10.—No guarantee will be given to the candidates as to the order in which, and the date on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in part IV of the United Provinces Government Gazette. No inquiries by wire or letter can be attended to. If any candidate wants a copy of Part IV of the Government Gazette, in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M.A., RAI BHADUR,
Secretary, Board of High School and Intermediate
Education, United Provinces.

ALLAHABAD

The 10th March, 1924.

Roll no. _____BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION.

UNITED PROVINCES.

INTERMEDIATE EXAMINATION, MARCH, 1924.

**PARTICULARS TO BE FILLED IN CORRECTLY AND
LEGIBLY BY THE CANDIDATE**

Name (in full)			
University enrolment no. (if any)			
Age (in year and months on the 1st May, 1924) .....	..	..... years	..... months
Name of father .....	..	
Name of guardian .....	..	
Religion .....	..	
Race (i.e., nation, tribe, etc., etc.)			
Caste, if any .....	..	
District and (town or village where resident) .....	..	
Length of residence in the Province or State .....	..	
Language from which translation is to be made into English in the third English paper or English composi- tion in the case of candidates whose mother-tongue is English			
Date of passing the Matriculation (or Entrance or School Final or U.P. School Leaving Certificate) Ex- amination .....	..	..
Whether ^{he} _{she} appeared at the Inter- mediate Examination of any pre- vious year .....	..	..
* Where to be examined .....	..	

(Signature of candidate in full)

* Candidates from one and the same institution are required to present themselves
for examination at one and the same centre.

Subjects to be written by candidates in their own hand writing against each subject in which they desire to be examined besides English. Cross or tick marks should be avoided.

Arts Course	Science Course
Name of Classical Language or Mathematics —	Mathematics
I. Paper European History Modern History II. Paper { English — or In 'mo —	Physics. Chemistry Biology
Ancient History — — — — —	
Logic or Additional Classical Language —	

Period or periods of study since passing the Matriculation (or Entrance or School Final or U. P. School-Leaving-Certificate) Examination

Period or periods of continuous study.	Affiliated institution or institutions at which the candidate has studied	Signature of Principals

* In the case of broken periods of study at different Institutions, it is expected that Principals will certify themselves that the different periods of study amount in the aggregate to two years before admission to the Examination.

N.B.—The following places are the centres of examination—Agra, Ajmer, Aligarh, Almora, Bareilly, Lucknow, Cawnpore, Dehra Dun, Etawah, Fyzabad, Gorakhpur, Gwalior, Indore, Jaipur, Jhansi, Lucknow, Meerut and Moradabad.

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION,
UNITED PROVINCES

INTERMEDIATE EXAMINATION, 1924

ADMISSION CARD

All the entries except those for roll number and centre should be filled up in the office of the Principal.

Admit _____

(Roll no. _____) of _____ College

_____ to _____ Centre

A. C. MUKERJI, M.A., RAI BHADUR,
*Secretary, Board of High School and Intermediate
Education, United Provinces*

ELLAHABAD
The 1st March, 1924

Issued on _____ - 1924

Signature _____,

Principal.

College

RULES FOR THE GUIDANCE OF CANDIDATES

1.—The dates and the hours of the Intermediate Examination of 1924, will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answers must be written on one side of the page only, the other side may be used for rough work and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens.

7.—Candidates must obey any instructions they receive from the Officer in charge of the Examination.

8.—Candidates must produce their admission cards when demanded.

9.—A duplicate copy of the admission card is issued on payment of two rupees.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of the *Government Gazette*, in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate
Education, United Provinces

ALLAHABAD :

The 1st March, 1924.

Roll No. —

**BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,
UNITED PROVINCES**

COMMERCIAL DIPLOMA EXAMINATION, MARCH, 1924

This application must reach the Office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad on or before the 7th January, 1924.

—
APPLICATION.

TO

The SECRETARY, BOARD OF HIGH SCHOOL
AND INTERMEDIATE EDUCATION,
UNITED PROVINCES, ALLAHABAD

Sir,

I request permission to present myself at the ensuing Commercial Diploma Examination of the Board of High School and Intermediate Education, United Provinces.

The fee of Rupees 45 has been paid

I am, etc.,

(Name to be written in full and clearly.)

Student, — — — — — College

—
CERTIFICATE

I CERTIFY that the above-named candidate has satisfied me that he has passed the Matriculation (or Entrance, or School Leaving Certificate) Examination of the University of Allahabad (or of the University of); that I know nothing against his character which ought to exclude him from this Examination, that he has attended a regular course of study at College in each and all of the subjects offered, that he has paid the prescribed examination fee of Rs. 25 and that I believe the subjoined account to be true.

Name. — — — — —

Principal. — — — — —

College. — — — — —

**PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY
BY THE CANDIDATE**

Name (in full) _____

Al-Azhar University Enrolment no. _____
(Final) _____ Date _____

Age in years and months on the first
day of May, 1924) ... - Years: ____ month: ____

Name and occupation of father. { Name
{ Occupation ..

Name of guardian _____

Religion 11 12 13 14 15

Race (is., nation, tribe, etc., etc.) ..

Caste, if any

District and town or village where

Length of residence in the Province

Date of passing the Matriculation or
Entrance or School-Leaving Certi-
ficate Exam. earlier

Whether he appeared at the Commercial Certificate or Diploma Examination of any previous year:— Yes or No.

Optional subject taken (Short-hand or
Parsing and Grammar)

f Where to be examined

(Signature of Candidate in full)

+ Centres of Education are:- St. John's College, Agra¹, Christian College, Lucknow, Sardar Dharam College of Commerce, Cawnpore, and Christ Church College, Cawnpore.

Period or periods of study since passing the Matriculation (or Entrance
or School-Leaving) Examination.

Period or periods of continuous study + Affiliated Institution or Institution at which curd date has studied Signature of Principal of affiliated Institution.

Over 20% less fuel used

+ In the case of broken periods of study at different Institutions, it is expected that Principals will satisfy themselves that the different periods of study amount in the aggregate to two years before admission to the Examination.

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION
UNITED PROVINCES

COMMERCIAL DIPLOMA EXAMINATION 1924

ADMISSION CARD

All the entries except those for Roll number and centre should be filled up in the office of the Principal

Adm t _____

(Roll no. _____) of _____ College

_____ to _____ Cent s

A. C. MUKERJI M.A. RAJ BAHADUR
Secretary Board of High School and Intermediate Education
United Provinces

ACLAHABAD

The 1st March 1924

Issued on _____ 1924

Signature _____

Principal

_____ College

RULES FOR THE GUIDANCE OF CANDIDATES

1.—The dates and the hours of the Commercial Diploma examination of 1924, will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answers must be written on one side of the page only, the other side may be used for rough work and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens.

7.—Candidates must obey any instructions they receive from the Officer in charge of the Examination.

8.—Candidates must produce their admission cards when demanded.

9.—A duplicate copy of the admission cards is issued on payment of Rs. 2

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in part IV of the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of Part IV of the *Government Gazette*, in which the results will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. G. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate
Education, United Provinces.

ALLAHABAD :

The 1st March, 1924.

Ball No

**BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION,
UNION PROVINCES**

For Private Candidates only

**P HIGH SCHOOL EXAMINATION (TO BE CONDUCTED ON P
THE LINES OF THE MATRICULATION EXAMINATION),
MARCH 1924.**

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces Allahabad, on or before 1st January 1944.

APPLICATION

To THE SECRETARY BOARD OF HIGH SCHOOL AND
INTERMEDIATE EDUCATION
UNITED PROVINCES ALLAHABAD

I request permission to present myself at the ensuing High School Examination of the Board of High School and Intermediate Education United Provinces.

The fee of Rapes 20 — has been credited into the Government Treasury
against my order.

Address: —

Part 4 Candidate

[Name to be written in full and clearly.]

CERTIFICATE

I CERTIFY that I know nothing else than the character of the above.

This certificate is to be signed by a Divisional Inspector of Schools or the head of an educational institution recognized by the Board for the examination at which the candidate intends to appear (or) the head of the Institution at which the candidate is studied
between the subscriber account to be true
named candidate which ought to
exclude him from the High School
Examination that he has signed
the above application and that I

100

- The - - - - - 1928 Designation - - - - -

The forwarding offices inside the United Provinces should realize the amount of fees from the candidates and credit it into the Local Government Treasury under the head of Education & General—Miscellaneous Fees, Provincial Exam. etc. A copy of the Treasury order should be forwarded to the Secretary Deptt. of High School and Intermediate Education United Provinces. Attached along with the application forms

2 Intermediate Education United Provinces Allocated along w/ the applicat on forms
3 The forwarding office in Indian States or outside the United Provinces
should remit the amount of fees from the candidates and send it by money-order to the
Secretary Board of High School and Intermediate Education United Provinces, Allah-
abad, but in other case the nominal charges should be paid by the candidate.

and not direct to the candidate. In the same office who forwarded the candidate's application form.

[Signature] This certificate should be signed by the previous applicant.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY
BY THE CANDIDATE.

Name (in full)

Date of birth (date, month and year
to be entered here, and not month
and year only)

Age (in years and months on the 1st
May, 1924) years .. months.

Name of father

Name of guardian

Religion

Race (i.e., nation, tribe, etc., etc.)

Caste, if any

District and town or village where
resident

Length of residence in the Prov-
ince or State

Optional subjects in which to be {
examined.
1.
2.

Language from which translation is
to be made into English in the
third English paper

or

English composition in the case
of candidates whose mother-tongue
is English

* Whether permitted by the Board to
appear as a private candidate

† Where to be examined

(Signature of Candidate in full.)

* Number and date of the letter in which such permission has been granted to the Candidate should also be quoted here.

† The following places are the centres of Examination:—Agra, Allahabad, Gorakhpur, Lucknow, Meerut, Jhansi, Bareilly, Bulandshahr, Srinagar (Garhwal), Ajmer, Jaipur, Gwalior, Nowrangpur, Indore.

APP F]

FORMS

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION
UNITED PROVINCES

HIGH SCHOOL EXAMINATION (TO BE CONDUCTED ON
THE LINES OF THE MATRICULATION
EXAMINATION), 1924

ADMISSION CARD

All the entries except those for Roll number and centre should be filled up in the office of the Forwarding Office

Admit _____
(Roll no _____) of _____
to _____ Centre _____

A C MUKERJI M A Rai BHADUR
Secretary Board of High School and Intermediate
Education United Provinces

ALLAHABAD
The 1st March 1924

Issued on _____ 1924

Signature and designation
of Forwarding Officer

RULES FOR THE GUIDANCE OF CANDIDATES

1.—The date and the hours of the High School Examination (to be conducted on the lines of the Matriculation Examination) of 1924 will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answer must be written on one side of the page only, the other side may be used for rough work and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens. To answer the Second Paper of Domestic Science on sewing and cutting out, candidates are required to provide their own needles, thread and pair of scissors. Blotting paper will be supplied in the answer-books.

7.—Candidates must obey any instructions they receive from the Officer in charge of the Examination.

8.—Candidates must produce their admission cards when demanded.

9.—A duplicate copy of the admission card is issued on payment of Rs 2.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which the question papers will be given to them.

11.—Candidates must await the publication of the result in part IV of the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of Part IV of the *Government Gazette*, in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M.A., RAI BHADUR,

Secretary, Board of High School and Intermediate Education,

United Provinces

ALLAHABAD

The 1st March, 1924

Roll No. _____

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION
UNITED PROVINCES

For Private Candidates only.

P INTERMEDIATE EXAMINATION, MARCH 1924 **P**

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 1st January, 1924.

APPLICATION

To

THE SECRETARY, BOARD OF HIGH SCHOOL
AND INTERMEDIATE EDUCATION

UNITED PROVINCES ALLAHABAD

Sir,

I request permission to present myself at the ensuing Intermediate Examination of the Board of High School and Intermediate Education United Provinces in Arts or Science

The fee of Rupees 50 _____ has been credited into the Government Treasury
(cheque attached) _____ is sent by money-order

I am etc

Address _____

Private Candidate
(Name to be written in full and clearly)

CERTIFICATE

I CERTIFY that I know nothing against the character of the above-

named candidate which ought to
exclude him from the Intermediate Examination that he
has signed the above applica-

This certificate is to be signed by a District and
Inspector of Schools or the head of an educational institution recognised by the Board for
the examination at which the candidate intends
to appear (s) or the head of the institution at
which the candidate is situated

tion, that I believe the subscribed account to be true

Name _____

Designation _____

Station _____

The _____

1923

* Necessary portion to be retained and the rest to be redacted
† The admission card will be sent to the officer who signs this application form
and not direct to the candidate

‡ This certificate should be signed by the same officer who forwarded the candidate's previous application
(s) In the case of a failed candidate only

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY
BY THE CANDIDATE.

Name (in full)	..	..	_____
Age (in years and months on the 1st May, 1924)	..	..	years months.
Name of father	..	..	_____
Name of guardian	..	..	_____
Religion	..	..	_____
Race (i.e., nation, tribe, etc., etc.)	..	..	_____
Caste, if any	..	..	_____
District and town or village where resident	..	..	_____
Length of residence in the Province or State	..	..	_____
Language from which translation is to be made into English in the third English paper or English Composi- tion in the case of candidate whose mother-tongue is English	..	..	_____
Date of passing the Matriculation (or Entrance or School Final or United Provinces School-Leaving Certi- ficate) Examination	..	..	_____
* Whether permitted by the Board to appear as a private candidate	..	..	_____
† Where to be examined	..	..	_____

(Signature of Candidate in full.)

* Number and date of the letter in which such permission has been granted to the Candidate should also be quoted here.

† The following places are the centres of Examination :—Agra, Ajmer, Allahabad, Almora, Bareilly, Benares, Cawnpore, Dehra Dun, Etawah, Fyzabad, Gorakhpur, Gwalior, Indore, Jaipur, Jhansi, Lucknow, Meerut and Moradabad.

Subjects to be written by candidates on their own handwriting against each subject in which they desire to be examined besides English Cross or tick mark should be avoided

Arts Course	Science Course	
Name of Classical Language or Mathematics	Mathematics	
	Physics	
Modern History { I paper European History	Chemistry	
II paper { English or Indian		
Ancient History	Biology	
Logic or additional Classical Language		
Period or periods of study since pass of the Matriculation (or Finales or School Final or United Provinces School Leaving Certificate) Examination		
Period or periods of continuous study	Add a list of institutions or institutions at which candidate has studied	Signature of Principal or of Forwarding Officer

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,
UNITED PROVINCES.

INTERMEDIATE EXAMINATION, 1924.

ADMISSION CARD.

All the entries except those for Roll number and centre should be filled up in the office of the Forwarding Officer.

Admit _____

(Roll no. _____) n^o _____
to _____ Centre.

A. C. MUKERJI, M.A., RAI BHADUR,
Secretary, Board of High School and Intermediate
Education, United Provinces

ALLAHABAD:

The 1st March, 1924

Issued on _____ 1924

Signature and Designation of Forwarding Officer.

RULES FOR THE GUIDANCE OF CANDIDATES

1.—The dates and hours of the Intermediate Examination of 1924, will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them while sitting to answer the papers, any books, notes or papers whatever.

5.—The answer must be written on one side of the page only, the other side may be used for rough work and no portion of the answer book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens.

— 7 Candidates must obey any instructions they receive from the Officer in charge of the Examination.

— 8—Candidates must produce their admission cards when demanded.

9.—A duplicate copy of the admission card is issued on payment of two rupees.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in the United Provinces Government Gazette. No inquiries by wire or letter can be attended to. If any candidate wants a copy of the Government Gazette in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M.A., RAI BARADWAJ,
Secretary, Board of High School and Intermediate
Education, United Provinces

Roll No. ——————

**BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,
UNITED PROVINCES.**

P COMMERCIAL DIPLOMA EXAMINATION, MARCH, 1924.

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, on or before the 1st January, 1924.

APPLICATION.

To
**THE SECRETARY, BOARD OF HIGH SCHOOL
AND INTERMEDIATE EDUCATION,
UNITED PROVINCES, ALLAHABAD.**

SIR,

I REQUEST permission to present myself at the ensuing Commercial Diploma Examination of the Board of High School and Intermediate Education, United Provinces

"The fee of Rupees 30/- has been credited into the Government Treasury (chalan attached)
is sent by money-order."

I am, etc.,

Private Candidate.

Address ——————

(Name to be written in full and clearly.)

CERTIFICATE.

I CERTIFY that the abovenamed candidate has satisfied me that he

[†] This certificate is to be signed by a Divisional Inspector of Schools, or the head of an educational institution recognised by the Board for the examination at which the candidate intends to appear, (or) or the head of the institution at which the candidate last studied.

which ought to exclude him from this Examination; and that I believe the subjoined account to be true

Name ——————

Designation ——————

Station ——————

The —————— 1924.

* Necessary portion to be retained and the rest scored out

† The admission card will be sent to the officer who signs this application form, and not direct to the candidate

‡ This certificate should be signed by the same officer who forwarded the candidates' previous application.

(a) In the case of a failed candidate only.

**PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY
BY THE CANDIDATE**

Name (in full) .. .			
Age in years and months on the first day of May 1924)	Years	Months	
Name and occupation of father	Name	Occupation	
Name of guardian			
Religion			
Race (i.e. nation, tribe, etc., etc.)			
Caste, if any			
District and town or village where resident			
Length of residence in the Province or State			
Date of passing the Matriculation (or Entrance or School Leaving Certificate) Examination			
Whether he appeared at the Com- mmercial Certificate or Diploma Examination of any previous year—Yes or No			
Optional Subject taken (Short hand or Banking and Currency)			
* Whom to be examined			
* Whether permitted by the Board to appear as a private candidate			

(Signature of Candidate in full)

† Centres of Examination—St. John's College, Agra Christian Col-
lege Lucknow, Sonatan Dbaran College of Commerce Cawnpore and
Christ Church College Cawnpore

Period or periods of study since passing the Matriculation (or Entrance
or School Leaving Certificate) Examination

Period or periods of continuous study	Associated institution or institutions at which candidate has studied	Signature of the For- warding Officer

* Number and date of the letter in which such permission has been granted to the
candidate should also be quoted here.

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION,
UNITED PROVINCES.

COMMERCIAL DIPLOMA EXAMINATION, 1924.

ADMISSION CARD.

All the entries except those for Roll number and centre should be filled up in the office of the Forwarding Officer.

Admit _____
(Roll no. _____) of _____
to _____ Centre.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education,
United Provinces

ALLAHABAD.

The 1924.

I sued on 1924.

Signature and designation of Forwarding Officer.

RULES FOR THE GUIDANCE OF CANDIDATES

1.—The dates and the hours of the Commercial Diploma Examination of 1924, will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book on which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them while sitting to answer their papers any books, notes or papers whatever.

5.—The answers must be written on one side of the page only, the other side may be used for rough work and no portion of the answer book provided may be torn out. If a candidate wishes to cancel any part of his answers he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens.

7.—Candidates must obey any instructions they receive from the Officer in charge of the Examination.

8.—Candidates must produce their admission cards when demanded.

9.—A duplicate copy of the admission card is issued on payment of two rupees.

10.—No guarantee will be given to the candidates as to the order in which, and the date on which the question papers will be given to them.

11.—Candidates must await the publication of the result in United Provinces Government Gazette. No inquiry by wire or letter can be attended to. If any candidate wants a copy of the Government Gazette in which the result will be published he should apply for it to the Superintendant, Government Press Allahabad.

A. C. MURFREY M.A., RAJ BHAWAN,
Secretary Board of High School and Intermediate Education,
United Provinces

ALLAHABAD

The